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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

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((1, 2)) [BJ13]. (*, 2) [KO15]. ($1.5 + \epsilon$) [CWZL08]. (L, d) [CW11, DBR07, Tan14]. 1.375 [EH06]. 2 [BLR15, KD15, LBQ⁺13]. 2+ [LCOMG14]. 3 [BWRF12, GH15, HS15, LQV⁺13, NPK⁺07, RWH⁺10, Str11, VMD⁺08, YLH⁺15]. 4 [LBQ⁺13]. 3 [YLY⁺12]. ATP [BMH⁺16]. α [MRB12]. β [AAE11, BMH⁺16]. ℓ_2 [JXN⁺16]. F^2 [BCS11]. G [LBQ⁺13]. K [ARZ⁺14, AC12, AFJ12, HC14a, IM14, LMZ14]. L_p [LLT10]. M [ZWZ16]. N [LZGZ14]. $O(m \log m)$ [SSS⁺15]. $O(N^2)$ [BHS⁺04]. $O(n \lg n)$ [WLY14]. $\Omega(n^2 / \log n)$ [BE08]. r [Pol13]. S [SP11].

-Approximation [CWZL08, EH06].
-ATPase [BCFCC13]. -bounded [KO15].
-Cell [BMH⁺16]. -Content [RKDR10]. -D [NPK⁺07]. -Exemplar [BJ13]. -grams [LZGZ14]. -Helix [MRB12]. -Information [AC12]. -Matrix-Based [ZWZ16]. -means [IM14]. -mer [HC14a, LMZ14]. -motif [Tan14, CW11]. -Omic [Ano12a].
-Quadruplexes [LBQ⁺13]. -Separated [Pol13]. -Sheet [AAE11]. -shortest [ARZ⁺14]. -time [SSS⁺15]. -Transform [SP11].
/K [BCFCC13].
1 [AFAAW⁺11, LNY05b, MMB⁺13, SYKS15].
10th [HBG16]. 12th [ZC14]. 13th [HC15].

2 [LNY05a]. **2.0** [TAL⁺15]. **2012** [HCQ14, dSK13]. **2013** [AS15, LW15, SA15]. **2014** [ZC15]. **25th** [STHA15]. **2SNP** [BZ08].

3' [MSH⁺11]. **3ST** [HS08].

Aberrations [XL16, XLWL15]. **Ability** [TC13]. **Absorbing** [Gon13]. **Abstract** [WRH⁺09]. **Abundance** [QTZ15]. **Acc** [MMFD14]. **Acc-Motif** [MMFD14]. **Accelerated** [GDWK⁺15, MMFD14]. **Accelerating** [CWLZ14, GPScF15, HOS^{12a}, HOS^{12b}, LSMW11, IM14]. **Acceleration** [FVLN15]. **Access** [Ano13e, CMSE⁺15, LBL⁺10]. **Account** [MSH⁺11]. **accumulation** [LCOMG14]. **Accuracies** [AM12, AM15]. **Accuracy** [BM13, KWL07, LNR⁺09, MNW⁺04, TW10, Xu05]. **Accurate** [CMS12, CH11, GGP08, MTM⁺15, NSZK15, SSS⁺11, SHJL10, WS12, WCX07, WCL11, XWC15, DST⁺15b, SYV14, SLW15]. **accurately** [XG14]. **aCGH** [ZYW⁺13]. **Acid** [HLG10, Kar12a, NLGG12]. **Acids** [YH13]. **ACM** [AS15, KS13]. **ACM-BCB** [AS15]. **across** [EW04, LTwG⁺11, MMH15]. **ACT** [LS10]. **Active** [HHSC13, NFM⁺12, OLZ11, WHKK07]. **Activities** [AFAAW⁺11]. **Activity** [SYKS15]. **Actually** [RRTB12]. **adaptation** [RHH16]. **Adaptive** [AKS13, DLM12, NTCO07, PAAG07, SY09, SSS13a, TC16, XLZ⁺15, YWK⁺07, YCY⁺15, XXM⁺16]. **adaptively** [YICW⁺15]. **Additional** [WMS09]. **Adhesin** [GAR⁺09]. **Adhesin-Like** [GAR⁺09]. **Adjacencies** [LJZZ13, ZACS09]. **Adjacent** [YH13]. **Adjoint** [FKLS07]. **Admixture** [TBRs13]. **Advanced** [Che13]. **adverse** [XLC⁺15]. **Affinity** [AM12, EMDH11, ZWSX12, AM15, CWZW15, DKS⁺15]. **Affymetrix** [LUdSCH10, MSH⁺11]. **Age** [FS13b]. **ageing** [WDX⁺15]. **aggregate** [SLS⁺14].

Aggregation [SMB12, SPMB13, YOKI09]. **Aging** [TC13, FZM15]. **Agreement** [BN06, GB10, RBdIVMPG16, SCPS12]. **Aided** [gCLL⁺10, MVS⁺13]. **AkaneRE** [SYM⁺10]. **Albumin** [RTA⁺16]. **Algebraic** [FM13, LW13b, ZXBB11]. **Algorithm** [ALR⁺13, BHS⁺04, BPV⁺11, Bi09, BS08, CFOS06, CC09, CWZL08, DT11, EH06, FM12, GZFT15, GAGM11, GK08, Gra04, HBC⁺11, HHYH07, HLH11, HvIKS11, KCD⁺12, LTaS13, LCLL10, LLHF15, LLW10, LWZ12, LJZZ13, LT07, MWL⁺12, MGXS15, MTSCO10, MCD⁺11, NTCO07, NP13, ORCJ13, OMWX09, OP11, PAL⁺12, PK13, PBJ12, RMV12, RSJK13, SS04, SIM12, SV16, SR10, UJ09, UWHL15, UAH16, WLCP11, WKLL12, Wan16, WDH08, WLC11, WMS09, XWC15, YWK⁺07, YCYC12, YXYC13, YC08, ZWL⁺12, ZW13, AMBK14, CFIS⁺15, DST⁺15b, FWY⁺15, GRDV14, GM14, GÁVRRL15, HLW15, ARZ⁺14, Nye14, PWZW15, PWC⁺15, RHH16, SHK14, SSKH15, STT⁺14, SSS⁺15, XXM⁺16, YHV⁺15, ZSY⁺14]. **Algorithmic** [LQV⁺13]. **Algorithmics** [BvBF⁺11]. **Algorithms** [AKS13, ASI⁺11, AAE11, BEW09, BAK06, BBK⁺07, BM13, CEFB06, CW09b, CW11, CW12, Che13, CAN⁺08, DBR07, GH08b, HK12, HCLS11, HYW08, Jia10, LNC⁺05, LCC⁺11, MO04, Mai09, MWSM12, PH10a, Pol13, RAA10, SK08, Shi10, SLH⁺06a, SDB⁺07, TRKRC13, WL11, Wan12, WBE13, WCLY12, YLCC13, YDM⁺08, ZD12, vIKKS08, PSK⁺16, Tan14, ZHL⁺14]. **Alignable** [PS11]. **Aligning** [WL14, YICW⁺15]. **Alignment** [AH11, AGMP09, BTTR11, BAK06, CWC04, CGPW06, DBZ12, DK13, ECK16, FGKH11, HT09, HB11, IGM⁺07, KK08, LNR⁺09, LPR⁺08, MWL⁺12, MGK08, MKH11, NP13, NSZK15, PHX⁺08, Pol11, Pol12, Pol13, RGN⁺09, SH11b, SLH⁺06a, SSFW12, TRKRC13, TDK13b, TED⁺12,

TDA⁺⁰⁹, TTWR13, WS08, WLMW⁺¹¹, WHKK07, WAK13, WB11, WCLY12, Xu05, YLL⁺⁰⁶, YH13, ZGB⁺¹², CV14, FZM15, FSL⁺¹⁵, MG14, PSK⁺¹⁵, SHS15, SCC⁺¹⁵, SPWF14, XXM⁺¹⁶. **Alignment-Free** [YH13, CV14]. **Alignments** [BDD⁺¹⁰, HVG04, HPL⁺¹³, PT09]. **Allele** [BBSP08, DLM12]. **Allowing** [AGMP09]. **almost** [WLY14]. **along** [AGMP09]. **alphabets** [YHV⁺¹⁵]. **Always** [BBCP07]. **Alzheimer** [WLA⁺¹³]. **AMAS** [TC16]. **Ambiguities** [ZZS07]. **Ambiguity** [GzS11]. **Amino** [HLG10, Kar12a, NLGG12, YH13]. **Analog** [Pre04]. **Analog-Spectrum** [Pre04]. **Analyses** [WYY⁺¹³]. **Analysis** [ACC⁺¹³, iAOSS16, BB11, BGS⁺¹², BSLR05, BCFCC13, CP13, CXW⁺¹³, Che10, CWZ08, CMC⁺¹², Dal16, DSHM08, DADF⁺¹⁰, DKDD10, DPW12, FM12, GGH⁺¹³, GF10, Gos11, GM16, Han10, HB05, HYC12, HSTW06, IYA12, JDCC12, JL10, JCF13, JZL13, KSB12, LCTS08, LEAK11, LFK16, LTM⁺¹², LL11, LKY⁺¹¹, LLX⁺¹¹, cLWA07, LJL⁺¹⁵, LPH⁺¹³, LXG⁺¹⁶, LTL⁺⁰⁷, MO04, Mam05, MT12b, MC07, MSS^{+13a}, MWD11, MBF⁺¹³, NU06, NA11, NO09, NNM^{+12b}, OG11, PLMV12, RdMCBC13, Roc11, RWH⁺¹⁰, SDA⁺⁰⁶, SDCW11, SKD⁺⁰⁷, TZH07, TRKRC13, TWZW16, WZA07, WMWA12, WP08, WHKK07, YLXJ04, YLL⁺⁰⁶, YB08, ZZ13, ZZN15, ZWZ16, ZC11, ZK16, ZZS07, ZYW⁺¹³, ZGDH16, dCAR11, GTDK15, GMCB14, KG15, LHN⁺¹⁴, LYH⁺¹⁶, LLCZ15, LP15, LLH⁺¹⁴, MEOL14, OFC⁺¹⁴, RTWR15, WZ14, WZC⁺¹⁵, YTLL15, YCY⁺¹⁵, ZMP⁺¹⁴, ZWC15]. **analytic** [BCLC15]. **Analytical** [HLM⁺¹³, LCOMG14]. **analytics** [GFG16]. **Analyze** [LBL⁺¹⁰]. **Analyzing** [ABS15, BHMA06, GHL05, SCSS05, SC11, TV11, PSK⁺¹⁶]. **Ancestral** [ACPR10, GZFT15, MRS09, SLH06b, WKE11, HZZT14]. **Ancient** [SW09].

Annealing [TW10]. **Annotated** [KT07]. **Annotation** [CC11, LJK⁺¹², CM15, DC15, SLW15]. **Annotations** [AMGC16, ABVD12, CM16, DKDD10, GSK13, LLZ⁺¹³, MCC16, CXS15, YRD^{+14b}]. **Annual** [Ano04a, Ano05a, Ano06b, Ano08a, Ano09b, Ano10b, Tit13, XTL12a]. **Anomalous** [DRS12, DR14]. **ANOVA** [EAS12]. **Answer** [WYL07]. **Ant** [ORCJ13, GRDV14]. **anti** [BHW⁺¹⁴, WFD15]. **anti-cancer** [BHW⁺¹⁴]. **anti-longevity** [WFD15]. **Antibiotic** [MWD11]. **Antibiotic-Resistant** [MWD11]. **Antibody** [ZWL11]. **Antibody-Specified** [ZWL11]. **Antelope** [AKR12]. **Antimicrobial** [JKN⁺¹²]. **Apex** [TRKRC13]. **APP** [WZC⁺¹⁵]. **Applicability** [HB05, KK12]. **Application** [BSST08, CW11, Che12, Che10, ED15, FKLS07, GF10, GBB⁺¹¹, KCD⁺¹², LFS06, LLZC12, LLW10, NFM⁺¹², PAL⁺¹², PSN⁺¹⁵, RGI13, Roc11, SdOC⁺¹², SPMB13, WLA⁺¹³, XPH12, XLZ⁺¹⁵, dCAR11, Mir14, WDX⁺¹⁵, ZMP⁺¹⁴]. **Applications** [Ano08c, BPRZ11, CZ12, LHLY11, LSB⁺¹¹, MPZ08, MPSZ09, MWZ13, MNPZ10, MHKR12, OMWX09, Pol13, QL09, SHJL10, BCLC15, CEG14, GPScF15, SVM14, TDD14, MPZ07]. **Applied** [GRH08, IGM⁺⁰⁷]. **Applying** [ADTAQ16]. **Appreciation** [Gus07a, Gus07b, Xu14b]. **Approach** [AAP06, AJD⁺¹², AKS13, AC12, AKR12, ASI⁺¹¹, BHHMCL16, BCL13b, CCA12, CSW11, CW09a, CKWY12, CWZ08, CAN⁺⁰⁸, FJJ11, Gon13, GET13, GDM12, GG11, HM13, HVG04, HMK⁺⁰⁷, KCD⁺¹², KSS15, LQV⁺¹³, LRR08, LTM⁺¹³, LH10, LGB15, MRB12, MPF12, Mam05, MMB⁺¹³, MNND13, MVS⁺¹³, NO09, OC13, PVB⁺¹², PR12, RKDR11, RV06, SP11, SVZ09, SSS⁺¹¹, SBW15, SH11b, SW09, TBGL10, TBR11, TTWR13, TC13, VRK12, WYY⁺¹³, WLL⁺⁰⁹, WSX11, YLL⁺⁰⁶,

ZWZ16, ZAZ11, BHW⁺14, CZWT15, CA14, GZGX14, GJPSV14, KD15, LLCZ15, LZGZ14, MG14, MM14a, MM14b, PSK⁺15, SDAA⁺14, SLW15, SEC15, TYL⁺16]. **Approaches** [Ano05b, BM08, BH06, GM16, MCDD12, RZF07, YB08]. **Approximate** [ACPR10, HC14a, ADTAQ16]. **Approximating** [BPV⁺11]. **Approximation** [BS08, CP13, CC09, CW09b, CWZL08, EH06, HBC⁺11, Jia10, LJZZ13, Mne09, NPBD16, ZSY⁺14]. **Approximations** [RBdJ11]. **Arabidopsis** [MVW⁺13, TRKRC13]. **Arbitrary** [BG13, Jia10]. **Arbitrary-Shaped** [BG13]. **Architectures** [KP12]. **Areas** [TGK13]. **Argument** [Ozy12]. **Arithmetic** [MHKR12]. **Ark** [HBC⁺11]. **Array** [CW09a, LHS16, PS15]. **Arrays** [HKS11, LEAK11, MSH⁺11, SK08]. **Article** [LS10]. **Articles** [DLT10, HLV⁺10, HCQ14]. **ARTMAP** [AFAAW⁺11, XAW07]. **Asia** [HC15, STHA15, ZC14]. **ASIP** [XLZ⁺15]. **Aspergillus** [OMAdG⁺12]. **assay** [GBT14]. **Assembly** [CMC⁺12, FS13b, GRS⁺13, HG16, PS11, TGP⁺15, ZKP⁺07, PV16]. **Assessing** [PT09]. **Assessment** [AM12, KWL07, AIS⁺16, AM15, MG14, XLC⁺15]. **Assignment** [CCA12, CZF⁺05, LW13a, WL07, ZKP⁺07]. **Associate** [Ano04b, Gus04a, Gus06a, Gus07a, Gus07b, Sag09b, Wil04a]. **Associated** [CLST⁺13, DZH16, KSN⁺12, GJK15]. **Association** [AMGC16, CLH⁺15, LRR08, LLZC12, PAAG07, RGI13, TGGF10, Tsa12, WYY⁺13, YL12, LYH⁺16, NCMCAR15, WSTL⁺15, XLC⁺15]. **Associations** [AAF⁺13, MWSM12, YAB13]. **Associative** [KNS⁺05]. **Assortative** [PPZ12]. **Assumption** [TM11]. **Asymmetric** [FPPR11]. **Asymptotic** [ZWZ16]. **Asynchronous** [LW13b, ZWL15]. **Atlas** [JZL13]. **ATPase** [BCFCC13]. **attachment** [PWZW15]. **Attractor** [AKMT12]. **Attractors** [DT11, KH14]. **Attribute** [ACWW05, ACWW07, HC13]. **Attributed** [ZLY⁺13]. **aureus** } [AKNB07]. **Authentication** [CZB⁺16]. **AUTO** [CMS12]. **AutoDock** [HOS⁺12a, HOS⁺12b]. **Automata** [HBRU13, MHKR12, RA16]. **Automated** [GAR⁺09, GLG10, RKDR10]. **Automatic** [CPQ08, DADF⁺10, MA12, Ozy12, RV06, SYZ⁺13, SXL⁺14, YSC13, YB08, LZGZ14]. **Automaton** [KHP12]. **autophagy** [MFS⁺15]. **autophagy-related** [MFS⁺15]. **autoregressive** [JHXP15]. **Average** [HYW08]. **Aware** [UWLH15]. **Awareness** [ZWL11]. **B** [LLW⁺11, ZWL11, ZHL⁺14]. **B-Cell** [ZWL11, ZHL⁺14]. **Bacillus** [NPBD16, SSDN12]. **Backbone** [HSTW06]. **Bacteria** [MWD11]. **Bacterial** [IGM⁺07, Kar12b, NLGG12, SKK14]. **Bad** [Wan16]. **Balanced** [BGHM09, BM13]. **Balancing** [KZ10]. **Bandwidth** [ZACS09]. **Barcodes** [YLCC13]. **Barking** [LNR⁺09]. **Base** [ZKP⁺07]. **Base-Assignment** [ZKP⁺07]. **Basecalling** [cLWA07]. **Based** [AAF⁺13, ALR⁺13, APRS11, Ano12a, AM12, BEW09, BDP11, BZ07, BMM06, BFM13, BAK06, BGHM09, BM13, CCA12, CCYW12, CDB⁺16, CH11, CLW13, CXW⁺13, CGZ15, Che16, CM16, CDKT09, DLT10, Dal16, DBZ12, DZ11, DBTB09, DT11, DPW12, EAS12, ED15, FJJ11, FVLN15, FLM⁺16, FLAM15, GRS⁺13, GAGM11, Gos11, GM16, HOS⁺12a, HOS⁺12b, HHSC13, HLY⁺16, HG16, HC07, IGM⁺07, JJH12, JGBR15, JLYZ16, JXN⁺16, JLH16, KCCC15, KSS15, LTM⁺13, LTaS13, LLX⁺11, LLC⁺13, LLHF15, LRM12, LLZ⁺13, LXG⁺16, MGL⁺12, MPF12, MGK08, MCD⁺11, MKH11, MPA15, NLGG12, NP13, NSZK15, PSS09, PSN⁺15, QD12, QTZ15, QWC⁺16, RGI13, RC11,

RV13, SP11, SGC07, SMB12, SN12, SY09, ST05, SBM15, SSFW12, TGLP16, TAAP11, TGGF10, TZY11, TBR13, TTWR13, TW10, VRJ⁺¹⁰, WZA07, WLWP12, WCMZ15, WYL07, WMS09, WDS⁺¹², WZ13a, XWC15, YSC13, YM11]. **Based** [YXYC13, YLL⁺⁰⁶, YLY⁺¹², YP13, YH13, ZWSX12, ZDL12, ZWZ16, ZZN^{+11a}, ZZN^{+11b}, ZWY⁺¹⁰, AMBK14, BM14, CWLZ14, DS14, DPL⁺¹⁴, DWZ⁺¹⁵, DKS⁺¹⁵, FHRG14, GZGX14, GRDV14, GJPSV14, GH15, GÁVRRL15, HRHP16, HPH⁺¹⁵, HLW15, Jam15, KCZ⁺¹⁵, KH14, KFHK14, LHN⁺¹⁴, LLW⁺¹⁵, LZGZ14, LXZ⁺¹⁵, MBS15, MCH⁺¹⁵, MG14, MM14b, PWC⁺¹⁵, RHK14, SQZA14, SDAA⁺¹⁴, SSKH15, STT⁺¹⁴, TWZP14, TAL⁺¹⁵, VPB15, XG14, YTLL15, YCY⁺¹⁴, YLH⁺¹⁵, ZZ15, ZWL^{+14b}, ZZ14]. **Based-Approach** [MPF12]. **Bases** [PCGS05]. **basic** [BF14]. **Basis** [DM09]. **Bayes** [WDS⁺¹²]. **Bayesian** [AAE11, BDBH15, CSK⁺¹¹, CGPW06, Dal16, ED14, LCZN16, cLWA07, LW13a, PAL⁺¹², PWT10, RTWR15, SGK12, TIA⁺¹¹, TTWR13, XZY⁺¹⁴]. **BCB** [AS15, KS13]. **be** [Wil11]. **bee** [GRDV14]. **Behavior** [BMH⁺¹⁶, QD12, WBP⁺¹²]. **belief** [GBLZ14]. **Beta** [CPQ08, DGRC15]. **Beta-Binders** [CPQ08]. **beta-structural** [DGRC15]. **Better** [IAOSS16, NZR11]. **Between** [CLH⁺¹⁵, SYZ⁺¹³, AAF⁺¹³, ABVD12, DM09, HM15, KNS⁺⁰⁵, LTM⁺¹³, LKLB14, MZS⁺¹⁶, PH10b, SSP⁺⁰⁵, Wil12]. **Between-Class** [SYZ⁺¹³]. **Betweenness** [BLJ12]. **Beyond** [CV14]. **Bias** [RKDR10, RKDR11]. **Biased** [MSS13b, CWZW15]. **BIBM** [LW15]. **Bicliques** [LLW10, MMB⁺¹³, LLL16]. **bicluster** [GM14]. **Biclustering** [CWZ08, HM15, MO04, MTSCO10, MMB⁺¹³, TBKH05, AMBK14]. **biclusterings** [HC14b]. **Biclusters** [HTLL12, YNBM05]. **Bidirectional** [CC07, TR07]. **big** [JZCZ15, LHS16, WLC⁺¹⁵]. **Bilinear** [HLM⁺¹³]. **Binarization** [HMW⁺¹²]. **Binary** [BG12, PK13, WLA⁺¹³, YNBM05, YOKI09]. **Binders** [CPQ08]. **Binding** [AM12, EMDH11, GLW12, HZTP12, IDD13, MGL⁺¹², MGXS15, PLF12, RTA⁺¹⁶, WP08, WLL13, WPL15, WLPW16, WZ13a, ZZDY13, AM15, DKS⁺¹⁵, LHWL15, PSK⁺¹⁵, STT⁺¹⁴, WSTL⁺¹⁵]. **Bindings** [HBRU13]. **binning** [LZGZ14]. **Bio** [GBTL14]. **Bio-driven** [GBTL14]. **Biochemical** [HM13, SH11a, UWLH15, VSR⁺⁰⁶]. **biochips** [AIS⁺¹⁶]. **bioconductor** [VPB15]. **BioCreative** [Ano09c, gCLL⁺¹⁰, CLM10, LS10, LMK⁺¹⁰, RSK⁺¹⁰]. **BioExtract** [LBL⁺¹⁰]. **Biogeography** [GGJ⁺⁰⁶]. **Bioinformatics** [Ano09c, BPRZ11, BBH12, Cas06, Cas07, Che12, CN12, CZ12, Che13, CLR10, GH08b, HKK07, HC15, IYA12, LNY05b, LNY05a, LC10, MPZ07, MPZ08, MPSZ09, MWZ13, MNPZ10, OMWX09, SA15, WH11, ZC14, CEG14, GPScF15, MNA14, TDD14, Ano05b, Ano12b, Gus04b, RZF07, Tit16]. **BIOKDD** [LC10]. **BIOKDD2013** [PR14]. **BioLMiner** [CLM10]. **Biologic** [CL15]. **Biological** [AAF⁺¹³, AFJ12, AFAAW⁺¹¹, ABVD12, BDS12, BvBF⁺¹¹, BMZM15, BWRF12, CMS12, CNM11, DFTC12, ED15, FPPR11, GLS⁺¹⁶, GLG10, GHL05, GM16, HB05, KL11c, Kuk13, LLH⁺⁰⁷, LN13, LWZ12, MO04, MBGP12, MNND13, MVS⁺¹³, NNM^{+12a}, NNM^{+12b}, PPZ12, RA16, SFB⁺⁰⁸, SdOC⁺¹², SDN⁺¹¹, TV11, TDK13a, TDK13b, Wig15, ZSC⁺¹⁰, ED14, GTDK15, Gu16, HM15, HPH⁺¹⁵, HKLN14, Jam15, MZL15, WZC⁺¹⁵, ZSY⁺¹⁴]. **Biologically** [BB11, KP12, SMK⁺¹², TNQ08]. **Biology** [Ano05b, Ano09c, Ano12b, Cas06, Cas07, CSW11, CN12, FS12, FS13a, Gus04b, HKK07, Jam13, JFN11, Maz12, MCD⁺¹¹,

RZF07, SGH12, Tit16, TC13, WH11, KG15, TWZ⁺¹⁴]. **Biomarker** [KGF⁺¹⁴, LLT10, WDS⁺¹², OFC⁺¹⁴]. **biomarkers** [SQZA14]. **Biomechanical** [JGBR15]. **Biomedical** [BMHS13, HW07, JLH16, LHLY11, LLQ⁺¹⁶, LTwG⁺¹¹, LNC⁺⁰⁵, MCC16, OLZ11, Ozy12, WCMZ15, ADTAQ16, GFG16, JZCZ15, MKARB16, Vog15]. **biomedicine** [YN14]. **Biomolecular** [Bi09, Gon13, GBB⁺¹¹, HW07, LBL⁺¹⁰, RMV12, YB08, YCY⁺¹³]. **Biomolecule** [SMB12]. **Biopathways** [PAL⁺¹²]. **Biophysical** [MVS⁺¹³]. **Biopolymer** [SLH^{+06a}]. **Bioreductive** [KHP12]. **Biosequences** [SK12]. **bistable** [WLY15]. **Blanket** [RC11]. **bLARS** [SV16]. **BLAST** [CWC04, CW07]. **BLASTP** [LSMW11]. **Blebs** [GBTW16]. **Block** [TGLP16]. **Blocking** [Bon07]. **BLOSUM** [SCC⁺¹⁵]. **BM** [XZY⁺¹⁴]. **BM-SNP** [XZY⁺¹⁴]. **BMExpert** [WCMZ15]. **Bone** [PLMV12, LLRZ15]. **Boolean** [AKMT12, BHS⁺⁰⁴, DT11, HAH13, HMW⁺¹², KH14, MDM13, PH10b, SRLR14, VRK12, ZWL14a, ZWL15, ZK16, Zou13]. **Boosted** [YMW⁺¹²]. **Boosting** [CMSE⁺¹⁵, WYY⁺¹³, YL12]. **Both** [HC13]. **Boundary** [Gon13]. **bounded** [KO15]. **Bounds** [BB04, HSISM11, Lab06]. **Bowtie** [FVLN15]. **BpMatch** [FM12]. **Brain** [DGY05, JZL13, NPK⁺⁰⁷]. **Brazilian** [SA15]. **break** [PS15, SSML15]. **break-induced** [SSML15]. **break-points** [PS15]. **Breakpoint** [CC09, FM11, Gru11, JZSZ12, ZW13]. **Breakpoint-Like** [FM11]. **Breast** [BHMA06, Mah10, SMRP15, YLCC13, YCCM12]. **brief** [KSM14]. **Brownian** [Dem12, KL11c]. **Bruijn** [AP07]. **BSB** [dSK13]. **Bubbles** [ZL15]. **Budgeted** [MPKvH09]. **Builder** [VSR⁺⁰⁶]. **Building** [CKWY12, MEOL14, NCMCAR15]. **Burial** [LHWL15]. **Burrows** [KVX12, LHS16, TED⁺¹²]. **Burrows-Wheeler** [KVX12]. **C** [SKD⁺⁰⁷]. **C-Means** [SKD⁺⁰⁷]. **Ca** [LCOMG14]. **Cache** [CLR10]. **Cache-Oblivious** [CLR10]. **calculating** [SYV14]. **Call** [Ano05b, Ano08c, Ano09c, Ano12a, Ano13d, Ano13b, Ano13c]. **Calling** [BBSP08, XZY⁺¹⁴]. **CAMS** [SHK14]. **Can** [Wil11]. **Canceller** [AKS13]. **Cancer** [BHMA06, CD08, DSZ⁺⁰⁶, DZH16, GMSD11, GBJ08, GBB⁺¹¹, Han10, KSN⁺¹², Mah10, MPF12, MSS^{+13a}, OG11, PSS09, PI09, RHAK13, SSS⁺¹¹, SMRP15, ST05, SZLL11, WCX07, WDS⁺¹², XAW07, YLCC13, YLY⁺¹², YCCM12, YOKI09, ZHSS07, BHW⁺¹⁴, JR14, KPB14, LLCZ15, LWM14, MFS⁺¹⁵, Mir14, SRLR14, TWZ⁺¹⁴, XLWL15, YCY⁺¹⁵]. **cancers** [ZMP⁺¹⁴]. **Capabilities** [BLP⁺¹², MM14a]. **Capturing** [DI15]. **Carbon** [RBdJ11, MZS⁺¹⁶]. **Carcinoma** [CSSS16]. **Cardiac** [LKY⁺¹¹, MBF⁺¹³]. **Cardiomyocytes** [WBP⁺¹²]. **Cards** [PCGS05]. **Carlo** [ADTAQ16, Bi09, GJY⁺¹⁴]. **Cascaded** [CC07]. **Case** [CSSS16, IYA12, OMAdG⁺¹², SCCDK09, ZMT14]. **cases** [KO15]. **Categories** [RV13]. **Categorization** [BMHS13, LS10]. **Caterpillar** [Ros13]. **Caterpillar-Like** [Ros13]. **caudatum** [iAOSS16]. **Causal** [LLL15]. **Cavbase** [KFHK14]. **CAVER** [PSK⁺¹⁶]. **CCA** [GLW12]. **cDNA** [BDP11, BZ10, GK08, HC16, NU06, RGCB05, RV06, SBW15, SYZ⁺¹³, TZY11]. **CDS** [SSS13a]. **CEDER** [WS12]. **Cell** [BMH⁺¹⁶, BCFCC13, CSSS16, FKLS07, GGH⁺¹³, GBTW16, HCA⁺¹⁰, JGBR15, NFM⁺¹², TRKRC13, YOGY11, YBGB10, ZWL11, GBTL14, MFS⁺¹⁵, WZ14, ZHL⁺¹⁴]. **Cells** [DADF⁺¹⁰, Gou06, SDA⁺⁰⁶, BLR15, LCOMG14]. **Cellular** [AVD⁺¹², HBRU13, KHP12]. **Censored** [CKWY12]. **Census** [DSZ⁺⁰⁶]. **Center**

[BO12]. **centrality** [TWZP14]. **Cervical** [DZH16]. **CGH** [CW09a, PS15]. **Chain** [GJY⁺14, KCZ⁺15, LTaS13, LBL12b, SMB12, WZ13b, GBLZ14, LTaS13]. **Chain-RNA** [LTaS13]. **Challenge** [gCLL⁺10, CLM10, LS10]. **Change** [CW09a, LHWL15, SKK14]. **Channel** [BMH⁺16, GBS11, WBP⁺12]. **Channels** [KL11c]. **Chaos** [CYTY13, MEOL14]. **Characteristic** [WLA⁺13]. **Characteristics** [KSN⁺12]. **Characterization** [BM12, DRS12, LSB⁺11, RSP08]. **Characterizing** [TDK13a, LKLB14]. **checker** [EES14]. **Checking** [BBK⁺12, BCFCC13, RdMCBC13]. **Chemical** [HLM⁺13, MS11, SCCDK09, YSC13]. **Cheminformatic** [RBdIVMPG16]. **Cheminformatics** [SHJL10]. **Chemotaxis** [iAOSS16]. **Chief** [Ano08c, Ano12b, Xu13, Xu14a, Xu15]. **Child** [CRV09]. **Chip** [LHH13, LHH13, ZGDH16]. **ChIP-Chip** [LHH13]. **ChIP-Seq** [ZGDH16]. **chirality** [MZS⁺16]. **Chordal** [GG11]. **Chou** [NLGG12]. **Chromosomes** [BWS05, FM13]. **Circuit** [Kar12b, CL14]. **Circuits** [CL15, ZLH12]. **Circular** [MPKvH09, PB12b]. **cis** [AJYT⁺15, GGZZ14, YMT⁺14]. **cis-regulatory** [GGZZ14]. **cis-trans** [YMT⁺14]. **CISA** [WL07]. **Citation** [KAHK⁺10]. **Class** [DPS⁺13, LXG⁺16, Mat07, PI09, SYZ⁺13, YLY⁺12, ZOZ10]. **Class-Information-Based** [LXG⁺16]. **ClassAMP** [JKN⁺12]. **classes** [DKS⁺15]. **Classification** [AV12, ACWW05, ACWW07, BLP⁺12, BWS05, BHHMCL16, Bon07, CDKT09, CSS11, Dal16, DZA⁺06, ED15, FWA10, GMSD11, GAR⁺09, HF12, JKN⁺12, KAHK⁺10, KK12, Kuk13, LYK07, LH10, LN13, MNR09, OLZ11, OG11, Ozy12, dSRCT⁺11, SSS⁺11, ST05, SHJL10, WCX07, WZJH12, WDS⁺12, WLA⁺13, XZC07, XAW07, YLXJ04, YRD⁺13, ZLZ06, ZHSS07, ZZN⁺11a, ZBFK10, ED14, GRDV14, LXZ⁺15, MBS15, RHK14, YRD⁺14a]. **Classifier** [BDP11, HBH12, HC16, IYA12, PI09, SBM15]. **Classifiers** [DPS⁺13, LW13a, NLGG12, QBPEL12, YOKI09]. **Classifying** [AC12, CSSS16, CR14, LRM08, YN14]. **Climbing** [RV06]. **Clinical** [BDP11, CKWY12, HYC12]. **cliques** [ZZ15]. **Clock** [BZ07, CL15]. **Clone** [Kur13]. **Closed** [PPM⁺13]. **Closed-Loop** [PPM⁺13]. **Closely** [MYCW12]. **Closest** [CW11]. **cloud** [VPB15, WLC⁺15]. **Clouds** [FGKH11, Qiu14]. **Cluster** [LFK16, LCLL10, LHY⁺11, MA12, SKD⁺07, YCY⁺13, WZC⁺15]. **Clustering** [ACWW05, ACWW07, BBH12, CMS12, DGH⁺06, DWSB11, GLW12, GLG10, JCF13, KNS⁺05, KK12, KZ10, LHTT11, LBL12a, LLHF15, LT07, MP13, MA12, NSZK15, OMWX09, RWH⁺10, SVZ09, SY09, SKD⁺07, SMK⁺12, SGK12, TK05, VKM07, VF09, WZA07, WLCP11, WLWP12, YLY⁺12, YP13, YCY⁺13, CFIS⁺15, FN14, IM14, LLC⁺15, LAI⁺14, MG14, Mir14, RB14, SHK14, SDAA⁺14, WL14, YCY⁺14, YCY⁺15, YLY⁺12]. **Clustering-Based** [YLY⁺12, MG14, SDAA⁺14]. **Clusterings** [Mah10]. **Clusters** [BG13, KSvI12, RdlCGW09, SW09, ZACS09, HKLN14, WDX⁺15]. **ClusterViz** [WZC⁺15]. **CMStalker** [LMPT15]. **Co** [DZH16, GZFT15, TM11]. **Co-evolution** [TM11]. **Co-Evolutionary** [GZFT15]. **Co-Expression** [DZH16]. **Coalescence** [TR13, Zha11, GE14, GE15]. **Coalescent** [Ros13, TBRS13, Wu10]. **Coalescent-Based** [TBRS13]. **Coarse** [CGLF12, LQV⁺13, WLYZ⁺09]. **Coarse-Grain** [LQV⁺13]. **Coarse-Grained** [CGLF12]. **Coclustering** [CD08, JZL13, PR12]. **Code** [BvdGK⁺11, UJ09]. **codes** [TSM14].

- Coding** [MK16, MCCZC08, dSRCT⁺11].
Codon [MNR09, SGC07]. **Coefficient** [WLWP12]. **Coexpressed** [PWT10, TZY11, KSM14]. **Coexpression** [BB11, BLR08, YC08, ZZN15, WDX⁺15].
CoGI [XZG15]. **Coherent** [YNBM05]. **cohesive** [ZMC⁺14]. **coli** [iAOSS16, RBdJ11]. **Collaboration** [ANR11, JJH12]. **collections** [Mat15].
CollHaps [TBGL10]. **Colon** [RHAK13, RHK14]. **Colony** [ORCJ13].
Color [TZY11]. **Colored** [AP07, RSJK13, WLY15]. **Combination** [DPS⁺13]. **Combinational** [CL15].
combinations [DWZ⁺15]. **Combinatorial** [BM08, HS08, JL10, LRR08, LMPT15, PAAG07, YHY13]. **Combined** [MGXS15, SZLL11, WL07]. **Combining** [CWZ08, GKPS11, KMG⁺05, VF09, WS12, BDBH15]. **Comembership** [HRdR09].
Comment [FLW12]. **Common** [BVD⁺07, DST07, LJZZ13, MIC⁺07, PS11, Wan12, NYOL15]. **Communication** [GBS11]. **communications** [PV16]. **communications-inspired** [PV16].
Compactly [DM09]. **Companion** [Ano12a].
Comparative [AM12, JCF13, KAP⁺12, LTaS13, LNC⁺05, NNM⁺12b, ZZS07, AM15, BMM14, BF14].
Comparing [BCF⁺07, CW07, SS06a, VAJG10, HC14b].
Comparison [AS05, BM12, CRV09, CLRV11, CCYW12, DZA⁺06, DPW12, FPPR11, GRS⁺13, LPH⁺13, MKH11, Roc11, SMK⁺12, WLPW16, YH13, CV14].
Comparisons [BAK06]. **Compatibility** [BLJ12, SS06b]. **Compatible** [BN06].
Competence [NPBD16, SSDN12].
complement [TSM14]. **Complementarity** [ADPH11, ADPH13, DM09, PBhL⁺11].
Complementary [TNQ08]. **Complex** [BWRF12, GLS⁺16, GBB⁺11, HC13, HRdR09, MVS⁺13, PG06, TGD⁺16, XL16, ZLY⁺13, DWZ⁺15, TYL⁺16]. **Complexes** [FJJ11, LLH⁺07, OYDZ15, YB08, ZDL12, CWZW15, PWZW15, XG14, ZZ15, ZWL⁺14b]. **Complexity** [BN06, BCF⁺07, BS10b, BLJ12, CEFBS06, LLW10, PH10b, Pol12]. **Component** [BSLR05, CXW⁺13, DSHM08, Gos11, Han10, JDCC12, LXG⁺16, SDCW11, dCAR11, LLH⁺14]. **Component-Based** [Gos11]. **Components** [Wan16].
Composite [LMPT15]. **Composition** [CCYW12, NLGG12, RST10].
Comprehensible [FWA10].
Comprehensive [GSK13, SGH12, YOGY11]. **Compress** [GDM12]. **Compressed** [CW07, GRS⁺13, MDM13]. **Compressing** [XZG15]. **Compression** [CGLF12, CWLS15, How13, KT07, KBSCZ12, WL13a, WHWP12, Mat15].
Computation [TWG⁺12, Wu10, GFG16].
Computational [AJD⁺12, ANR11, Ano05b, Ano09c, Ano12b, BBSP08, BCF⁺07, BMZM15, Cas06, Cas07, CN12, FS12, FS13a, Gus04b, HKK07, Jam13, JJH12, LHH13, LHY⁺11, Maz12, PLMV12, PH10b, RZF07, SK08, SBW15, Tit16, YB08, MM14a]. **Computations** [ZXB11, ZSC⁺10, MKARB16]. **Computer** [MVS⁺13]. **Computer-Aided** [MVS⁺13].
Computers [TIA⁺11]. **Computing** [BGS⁺12, BS07, BS09, BWRF12, BBH12, DB14, GLS⁺16, GDWK⁺15, GSB⁺13, GJS11, HM13, HBG16, MDH11, OP11, PK13, RP13, SNM08, UAH16, WS08, CFIS⁺15, GPScF15].
Concept [TWZW16]. **Concerning** [BvdGK⁺11]. **Concise** [Son06].
Concurrent [MTM⁺15]. **Condition** [Gon13, Son06]. **Conditional** [BLR08, GGZZ14, LWG⁺14]. **Conditioning** [DBTB09]. **Conditioning-Based** [DBTB09]. **Conference** [HBG16, STHA15, ESW14, HC15, ZC14].
Confidence [MC07]. **Configurations** [SLH06b]. **Conflict** [BB04]. **confocal**

- [BLR15]. **Conformation** [YDM⁺08]. **Conformational** [LSB⁺11]. **Conformations** [LHTT11, LBL12b]. **Confounding** [RKDR10]. **Conjugation** [HS08]. **Connected** [BvBF⁺11, HKLN14]. **Connections** [NRV09]. **Connectivity** [BMK11, WL07, ZSD08, YLH⁺15]. **Conquer** [OC13, SR10, KD15]. **Consensus** [ASI⁺11, JSA08, KWL07, Mah10, PAS⁺11, SPMB13, TBRS11, WSX11, WHS04, WCL11, YLY⁺12, ZWSX12, YMT⁺14, YCY⁺15]. **Conservation** [DST07, MGL⁺12]. **Conserved** [BMM06, CDKT09, CAN⁺08, HK12]. **Consistency** [BGHM09, SR06]. **Consistent** [MMH15, MR10, PG06]. **Consolidation** [DLM12]. **Constitutive** [SDA⁺06]. **Constrained** [FHH⁺11, GHL05, QD12, TWG⁺12, ARZ⁺14]. **Constraint** [Pol12, TAAP11]. **Constraint-Based** [TAAP11]. **Constraints** [ACP10, HYW08, TRBK09, vBdRD⁺11, TSM14]. **Construct** [WP08]. **Constructed** [Wil11]. **Constructing** [BWRF12, DH04, GHL05, SNM12, VRK12, WL11, WLY14, vIKK⁺09, Nye14]. **Construction** [KBSCZ12, MPA15, OC13, WCL11, ED14, LHS16, MW16]. **Constructive** [CH11]. **Contact** [CGPW06, DFM⁺11, Gra04, VMD⁺08, KD15]. **Contact-Map** [Gra04]. **Contagion** [FSD⁺11]. **containing** [FSL⁺15]. **Content** [CAN⁺08, RKDR10, SLS⁺14, TSM14]. **Context** [FLW12, ZZCY10, ZWL11, FZM15]. **Context-Awareness** [ZWL11]. **Contextual** [DBTB09]. **Contig** [MS10]. **Continuous** [CWZ08, JLH16, JFN11, SH11a]. **Continuous-Time** [SH11a]. **Contour** [LK11]. **Contributors** [PKRD12]. **Control** [PPM⁺13, QD12]. **Controllability** [TGD⁺16, LP15, SRLR14]. **Controlled** [BMHS13, AKS13]. **Controller** [iAOSS16]. **Controllers** [iAOSS16]. **Controlling** [ANR11, TWG⁺12, TGK13]. **Conventional** [AM12, AM15]. **convergence** [GJY⁺14]. **Convex** [JDCC12, ZGDH16]. **Convex-Relaxed** [ZGDH16]. **Cooperative** [GZFT15]. **Cooperativity** [JPB08]. **Coordinates** [FSB⁺11]. **Cophylogenetic** [WHBM15]. **Coprocessor** [MPA15]. **Copy** [BHMA06, CW09a, SDCW11, XL16, YCCM12, LWM14, MMSH14, SB16]. **Copy-Number** [YCCM12, SB16]. **Core** [DADF⁺10, PWZW15]. **core-attachment** [PWZW15]. **Coreceptor** [LSMF08]. **cores** [WSTL⁺15]. **Corner** [SSD⁺16]. **Correcting** [ZKP⁺07]. **Correction** [ACWW07]. **Correlated** [BVN⁺11, DFM⁺11, JM12]. **Correlation** [LLC⁺13, MGL⁺12, NU06, SSP⁺05, TGGF10, WZJH12, AMBK14]. **Correlations** [GLW12, TWZW16]. **Correspondence** [YHYY12]. **Cortical** [TWG⁺12]. **COSPEDTree** [BM15]. **Cost** [TR13, WZ13a, GE14]. **Cost-Sensitive** [WZ13a]. **Cotemporal** [JFN11]. **Counting** [BO12, SLH06b]. **Coupled** [HPL⁺13]. **couplet** [BM15]. **Coupling** [TRBK08, ZHL⁺14]. **Course** [EAS12, IVA11, OMAdG⁺12, CZWT15]. **Courses** [SCSS05]. **Covariance** [Smi09]. **Covarion** [AR09]. **Cover** [HMK⁺07]. **Coverage** [GGP08, HKLN14]. **Covering** [BNV⁺13, HYY11]. **CpG** [SKD⁺07]. **Creating** [VSR⁺06]. **Criteria** [LLC⁺13, ZSD08]. **Critical** [MMH15]. **Cross** [AMGC16, HKS11, LPH⁺13, PBhL⁺11, PS15]. **Cross-Entropy** [PBhL⁺11, PS15]. **Cross-Hybridization** [HKS11]. **Cross-Laboratory** [LPH⁺13]. **Cross-Ontology** [AMGC16]. **Crossing** [Gra04]. **cruzi** [GAR⁺09]. **Cryo** [LDS⁺07, ARZ⁺14]. **Cryo-EM** [LDS⁺07, ARZ⁺14]. **CryoEM** [ALR⁺13]. **Crystallography** [Str11]. **CSD** [Wil12]. **CSS** [AKS13]. **Cuckoo** [AKS13]. **CUDA** [BBH12, CNM11, LSMW11, ZLS⁺15].

CUDA-BLASTP [LSMW11].
CUDA-Enabled [LSMW11, ZLS⁺15].
cumulative [TYA15]. **Curatable** [HK15].
Current [MSS⁺13a]. **Curvature** [MBF⁺13].
curves [KGK14]. **Cut** [BFM13, SR06].
Cutting [NSZK15]. **cyber** [KSA16].
cyberphysical [AIS⁺16]. **cycle** [WZ14].
Cycles [Gru11]. **Cytogenetic** [LYK07].
cytometry [Qiu14]. **cytoscape** [NCMCAR15, WZC⁺15]. **cytosolic** [LCOMG14].

D [BLR15, BWRF12, GH15, HS15, KD15, LQV⁺13, LBQ⁺13, NPK⁺07, RWH⁺10, Str11, VMD⁺08, YLH⁺15]. **D-pattern** [KD15]. **DAG** [BM15, TGP⁺15]. **DALI** [WAK13]. **DALIX** [WAK13]. **DAPD** [GJK15]. **Data** [AFAAW⁺11, ABVD12, ASI⁺11, ACWW05, ACWW07, BMK11, BTTR11, BDP11, BZ10, BHMA06, BLP⁺12, BMHS13, BHHMCL16, Bon07, BMZM15, BLR08, CMS12, CSSS16, CW09a, CHL⁺12, Che10, CKWY12, CWZ08, DNR15, DWSB11, EAS12, EAS13, FHH⁺11, FJJ11, GKPS11, GMSD11, GBJ08, GLG10, GM16, HBH12, HYY11, HYC12, HAH13, HMW⁺12, How13, HLY⁺16, HC16, HW07, HTLL12, IMA13, JCF13, JXN⁺16, JFN11, KCD⁺12, KNS⁺05, KMG⁺05, KBSCZ12, KZ10, LTM⁺13, LHH13, LH10, LLW⁺11, LN13, LLHF15, LJL⁺15, LXG⁺16, LLL15, LC10, LBL⁺10, MO04, MTSCO10, MP13, MPM11, NNSZ07, NNM⁺12b, OLZ11, OMWX09, OLS⁺13, OC13, PSS09, PAS⁺11, PI09, PH10b, PAAG07, QBP12, RBdLVMPG16, RGCB05, RWH⁺10, SDN⁺11, SBW15, SC11, SY09, SIM12, ST05, SDCW11, SMK⁺12, SK12, SGK12, TZH07, TGGF10, TZY11, TBRS13, TTWR13, TK05, TC13, TWZW16]. **Data** [TBKH05, UC10, WZA07, WGP11, WP08, Wil09, WMS09, WDS⁺12, XZC07, XAW07, YSC13, YM11, YLXJ04, YC08, YNWC07, YNBM05, YLL⁺06, YHB12, YP13, YCY⁺13, ZLW⁺11, ZWSX12, ZDL12, ZC11, ZYW⁺13, ZGDH16, ZGB⁺12, dCAR11, BMM14, CWZW15, CZWT15, FN14, GFG16, GMCB14, IM14, JZCZ15, JR14, KSM14, KGF⁺14, LLCZ15, LXZ⁺15, LHS16, MM14b, OFC⁺14, PS15, Qiu14, SHK14, Vog15, WLC⁺15, XZY⁺14, YN14, YCY⁺15]. **Data-Dependent** [XZC07]. **Data-Driven** [HLY⁺16]. **Data-Fusion** [KZ10]. **Database** [ANR11, GKPS11, LYK07, SDN⁺11, XPH12]. **Databases** [Ano13b, Ano13c, HW07, LTwG⁺11, ZSC⁺10, Ano13d, XHS15]. **datasets** [BCLC15]. **Day** [MSH⁺11]. **Day-to-Day** [MSH⁺11]. **Decision** [Smi09, TNQ08, YNBM05]. **declarative** [LV14]. **Decoding** [PV16, UJ09]. **Decomposition** [LLQ⁺16, RGCB05, XL16, YWK⁺07, ZZN⁺11b, ZGDH16, LYH⁺16, SB16]. **decompositions** [GMCB14]. **Decoy** [MSS13b]. **Decoys** [LBL12a]. **Decrease** [TC13]. **Deep** [OLS⁺13, TR13, Zha11, GE14, GE15, LLCZ15, SEC15]. **Defects** [LUDSCH10]. **defines** [LHWL15]. **Defining** [WS08]. **Definitions** [NRV09]. **Deformation** [ASJ⁺07]. **degenerate** [CFIS⁺15]. **Degradation** [WMWA12]. **Degree** [GF10, SS06a, TWZP14]. **Delay** [EAS13]. **Delayed** [KCCC15, LCZN16, LLL15]. **Delays** [ZWZ16, ZWC15]. **Deletions** [QLLX10, HZZT14]. **Delivery** [MWD11]. **Dempster** [RGI13]. **Dempster-Schafer** [RGI13]. **Dendrogram** [NSZK15]. **Denoising** [NNM⁺12b, GH15]. **Dense** [DADF⁺10, Wil09, YNWC07]. **Dense-Core** [DADF⁺10]. **Density** [GLG10, MRB12, SKD⁺07]. **Dependences** [YP13]. **Dependencies** [KNS⁺05]. **Dependency** [CL08]. **Dependent** [KSB12, XZC07, MZS⁺16, WDX⁺15]. **Depth** [GAGM11, IMA13]. **derivatives** [KPB14]. **Derived** [JS12]. **Descent** [NGY⁺16]. **Description** [GAGM11].

- Descriptor** [ADPH11]. **Descriptors** [HZTP12, WB11]. **Design** [AKS13, Che16, mHB13, IYA12, OMAdG⁺¹², SK08, SB12, TRBK09, WLC11, YCYC12, DYD15, HPH⁺¹⁵, KH14, MG14, MM14a]. **Designer** [BPP⁺¹³]. **Designing** [GBB⁺¹¹, Jam13, MDM13, NTCO07, SB09, SBY12]. **Designs** [GK08]. **desired** [PHP⁺¹⁵]. **Detect** [HK12, YBGB10, LLL16, SSML15]. **Detecting** [ABVD12, JLYZ16, KSM14, OYDZ15, RH05, TWG⁺¹², TBR11, UJ09, ZWL⁺¹⁴b, SSS⁺¹⁵, ZZ15]. **Detection** [AGGM11, CW09a, CWL12, DADF⁺¹⁰, GDWK⁺¹⁵, HTLL12, IGM⁺⁰⁷, LGB15, MYCW12, RHAK13, RB14, Shi10, WS12, Wer06, YC08, ZLW⁺¹¹, CBN15, DGRC15, GBTL14, HWK14, LWM14, MMFD14, PS15, SB16, SXL⁺¹⁴, Vog15]. **Determination** [BKR11, WL07, DST⁺¹⁵b]. **Determining** [AAF⁺¹³, Tah14]. **Development** [Che12, MMH15, TZH07]. **devices** [MKARB16]. **diabetes** [GJK15]. **Diagnosing** [HC16]. **Diagnosis** [YOKI09, ZHSS07, GJY⁺¹⁴]. **Diagnostics** [Ano12a, BDP11]. **Diagrams** [YNBM05]. **Diameter** [HSISM11, GE15]. **dibenzopyrrole** [KPB14]. **DICLENS** [MA12]. **Dictionary** [KBSCZ12]. **difference** [DWZ⁺¹⁵]. **Differences** [vBdRD⁺¹¹]. **Different** [DPS⁺¹³, ZWL14a]. **Differential** [LEAK11, LL11, NI07, SdOC⁺¹², dJP08, BMM14, HLW15, ZSY⁺¹⁴]. **Differentially** [AAP06, EAS12, HHSC13, LXG⁺¹⁶, WS12, KSM14]. **Difficult** [BBCP07]. **Diffusion** [SHJL10]. **Digest** [BBK⁺⁰⁷, JR14]. **digital** [AIS⁺¹⁶]. **Dimension** [ST05, YTLL15]. **Dimensional** [Che10, CHC⁺⁰⁵, DZA⁺⁰⁶, LTaS13, LN13, NPBD16, WRH⁺⁰⁹, ZMT13, BF14, Qiu14, YN14, ZMC⁺¹⁴]. **Dimensionality** [LRM08]. **Diploid** [KWL07]. **Directed** [PPZ12]. **Dirichlet** [CGZ15, PRZ⁺¹⁴, RdlCGW09]. **disambiguation** [HWK14]. **Discordance** [PT09]. **Discovering** [ACP10, BHS⁺⁰⁴, KN05, LLH⁺⁰⁷, LNC⁺⁰⁵, MPF12, RA16, WHWP12, WSTL⁺¹⁵, XL16, YNBM05]. **Discovery** [ANR11, Bi09, BVN⁺¹¹, CLST⁺¹³, Han10, JL10, KC11, KZ10, LDS⁺⁰⁷, LMPT15, LCLL10, LT07, PWT10, RLV04, SS04, WLCP11, YAB13, YLY⁺¹², ZDL12, ZZN⁺¹¹b, ZMC⁺¹⁴, ZAZ11, CWDS15, CA14, FWY⁺¹⁵, JZCZ15, KGF⁺¹⁴, OFC⁺¹⁴]. **Discrete** [CWZ08, ED15, SH11a, WZ13b]. **Discrete-State** [SH11a]. **Discriminant** [NO09, OG11, YLXJ04]. **discriminating** [SQZA14]. **discrimination** [DI15]. **Discriminative** [KC11, hLMBJ11]. **Disease** [LRR08, QBPEL12, WLA⁺¹³, XPH12]. **Diseases** [HC16, DWZ⁺¹⁵, LLRZ15, TYL⁺¹⁶]. **Disequilibrium** [LLC⁺¹³]. **Distance** [AKNB07, AS05, BG12, BS10b, BJ13, CWZL08, DS14, FM11, GRS⁺¹³, Lab06, LTM⁺¹³, Pol12, SGC07, SWH⁺¹², WZ13b, ZSC⁺¹⁰, ZW13, DNR15, TSM14]. **Distance-based** [DS14]. **Distances** [BPV⁺¹¹, JZSZ12, OP11]. **Distant** [VSKJ11]. **Distinguishing** [AD12]. **Distorted** [Mos07]. **Distributed** [LBL⁺¹⁰, PSN⁺¹⁵, GFG16]. **Distribution** [ASI⁺¹¹, BS09, DADF⁺¹⁰, Gru11, MT12a, DWZ⁺¹⁵]. **Distributions** [LTM⁺¹³]. **Disturbance** [LL11]. **Disulfide** [YLH⁺¹⁵]. **Diurnal** [WGP11]. **Divergence** [EW04]. **Diverse** [LSB⁺¹¹]. **Diversity** [MPKvH09, SNM08]. **Divide** [KD15, OC13, SR10]. **Divisive** [MA12]. **DNA** [ASJ⁺⁰⁷, BTYC13, CFOS06, CLST⁺¹³, CW09a, CH11, CWLS15, CL08, CAN⁺⁰⁸, DPW12, GZGX14, GKPS11, HHSC13, HG16, HLH11, KCD⁺¹², KC11, KBSCZ12, LLW⁺¹¹, cLWA07, MGL⁺¹², MMSH14, PKRD12, PG12, RLV04, TDA⁺⁰⁹, TSM14, UJ09, WP08, WSTL⁺¹⁵, WLPW16, ZZDY13, ZL15]. **DNA-Binding** [MGL⁺¹², ZZDY13]. **DNA-Protein**

[WP08]. **DNAzyme** [EES14]. **Do** [RRTB12]. **Dock** [ADPH13, BCS11]. **Docking** [ADPH11, ADPH13, BCS11, LSB⁺11, PSN⁺15, SZ11]. **Documents** [AC12, KAHK⁺10]. **Domains** [HMK⁺07, LDS⁺07, WCMZ15, DC15, PWC⁺15]. **Double** [YCY⁺14]. **Downhill** [SS04]. **DP1** [IDD13]. **DPNuc** [CGZ15]. **Drawing** [Hus09, SNM12]. **Drawings** [VAJG10]. **drift** [SPWF14]. **Driven** [CSW11, HLY⁺16, YCCM12, GBTL14, KG15]. **driver** [LP15, LWM14]. **Drosophila** [GGH⁺13, LK11, LJK⁺12]. **Drug** [KHP12, RV13, SZ11, SYKS15, BHW⁺14, FHRG14, KPB14, LYH⁺16, XLC⁺15]. **drug-pathway** [LYH⁺16]. **drug-target** [FHRG14]. **DrugBank** [RV13]. **Drugs** [PG12]. **Dual** [LLQ⁺16]. **Duchenne** [BCL⁺13a]. **Ductal** [CSSS16]. **Duplication** [BE08, BEW09, BS11, BG05, LCWZ13, LCC⁺11, ZZ14]. **Duplications** [BCF⁺07, CDW12, SS06a, THL11]. **during** [HK12, KCZ⁺15, TC13]. **Dynamic** [BBK⁺07, CLR10, HL16, HHYH07, HT09, LCZN16, NSZK15, PAL⁺12, RBdJ11, WLL⁺09, WMWA12, ZLH12, WZ14]. **Dynamic-Pattern** [WMWA12]. **Dynamical** [LLH⁺07]. **Dynamics** [AVD⁺12, CGLF12, Dem12, GBJ08, KL11c, LW13b, PB12a, RTA⁺16, SH11a, MFS⁺15, PSK⁺16]. **Dystrophy** [BCL⁺13a].

Early [BCL⁺13a]. **Edge** [WLWP12, HKLN14]. **Editor** [Ano10c, Ano04b, Ano08c, Ano12b, Cas06, Cas07, Gus07a, Gus07b, LNY05a, Xu13, Xu14a, Xu15]. **Editor-in** [Xu13]. **Editor-in-Chief** [Ano08c, Xu14a, Xu15]. **Editorial** [Che12, CN12, Che13, Gus05, Gus08, Gus09a, Gus09b, GM16, HC15, HBG16, KS13, KJ04, KJ05, Sag09a, Sag09b, Sag09c, Sag10, Sag11a, Sag11b, Sag12, WH11, Xu13, Xu14a, Xu15, ZC15, dSK13, ESW14, LW15, MNA14, MKARB16, PR14, STHA15, Xu14b, ZC14]. **Editorial-State** [Gus05]. **editors** [CEG14, XHS15, AS15, BPRZ11, CZ12, FS12, FS13a, GH08b, Gus04a, Gus06a, LNY05b, MPZ07, MPZ08, MPSZ09, MWZ13, MNPZ10, RZF07, Sag09b, Wil04a]. **EEG** [AKS13]. **EEG/ERP** [AKS13]. **Effect** [AD12, BMH⁺16, MRS09, RKDR10, ZZ14, WFD15]. **Effective** [AAP06, CMSE⁺15, HC07]. **effectiveness** [Jam15]. **Effects** [BCFCCC13]. **Efficacy** [LRM08, QL09, CWDS15]. **Efficiency** [LHY⁺11, RKDR10, RKDR11]. **Efficient** [BPV⁺11, BHJMCL16, CFOS06, DBZ12, DLM12, DHC12, FM12, GSK13, HLV⁺10, HT09, KVX12, LYH⁺16, L JL⁺15, MWL⁺12, MS11, MCDD12, NSZK15, PH10a, PBJ12, SP11, SK08, SN12, SLH⁺06a, SDB⁺07, SK12, WBP⁺12, WKLL12, Wan16, WBE13, Wer06, WCLY12, YDM⁺08, GM14, LMZ14, LHS16, SDAA⁺14, SSKH15, SYV14, YHV⁺15, ZHL⁺14]. **Efficiently** [TK05, NYOL15]. **EIC** [Gus08, Gus09b, Sag09a, Sag09b, Sag09c, Sag10, Sag11a, Sag11b, Sag12]. **Eigen** [WMWA12]. **Eigen-Genomic** [WMWA12]. **EKF** [ZWL⁺12]. **Elastic** [WMK16]. **Electrical** [BMH⁺16]. **Electron** [MRB12]. **Electrostatic** [BTYC13]. **Electrostatics** [Gon13]. **Elementary** [UAH16, DB14]. **Elements** [AD12, GGZZ14]. **Elimination** [DLM12, LHY⁺11, PGHT12, STT⁺14]. **ellipse** [SXL⁺14]. **Ellipsoid** [XAW07]. **ELLPACK** [BBH12]. **ELLPACK-R** [BBH12]. **ELM** [SSS⁺11]. **Elusiveness** [KSvI12]. **EMatch** [LDS⁺07]. **Embedded** [BHJMCL16, CYTY13, JS12]. **Embeddings** [LLQ⁺16]. **Embryonic** [GBTW16, GBTL14]. **Embryos** [LK11]. **Emerging** [KSA16, GPScF15, MKARB16]. **Empirical** [KK12, LS10]. **Enabled** [LSMW11, ZLS⁺15]. **Enabling** [LBL⁺10]. **Encoding** [CBES11, OM07, RH05, SSS⁺11]. **Encouraging** [ANR11]. **End** [Gus09a].

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GO [CXS15, SSP⁺⁰⁵, SLS⁺¹⁴].

GPCRs [CSS11].

GPD [SHJL10].

GPU [BBH12, CMSE⁺¹⁵, GDWK⁺¹⁵, NSZK15].

GPU-Accelerated [GDWK⁺¹⁵].

GPU-Based [NSZK15].

GPUDePiCt [CFIS⁺¹⁵].

GPUs [TED⁺¹²].

Gradient [HOS⁺¹²a, HOS⁺¹²b, HC07, IGM⁺⁰⁷].

Gradient-Based [HOS⁺¹²a, HOS⁺¹²b, HC07, IGM⁺⁰⁷].

Grain [JLYZ16, LQV⁺¹³].

Grained [CGLF12].

grammars [SHS15].

Grammatical [RAA10].

grams [LZGZ14].

Graph [AFJ12, BB04, BDP11, BMHS13, BCL13b, GLW12, Gru11, GG11, JLH16, MKH11, Roc11, RSJK13, SHJL10, UAH16, VKM07, WHKK07, XWC15, ZACS09, ZZDY13, DKS⁺¹⁵, JHXP15, KFHK14,

- ARZ¹⁴, ZWL^{14b}]. **graph-based** [DKS¹⁵, KFKH14]. **Graph-Theoretical** [BCL13b]. **Graphical** [TRBK08, TRBK09]. **Graphics** [Dem12, LSMW11, CFIS¹⁵, ZLS¹⁵]. **Graphs** [AP07, BSV10, DH04, LFS06, SVM14, ZHL¹⁴]. **Gray** [ALR¹³]. **Gray-Scale** [ALR¹³]. **Gridding** [RV06, SYZ¹³]. **Group** [APRS11, IMA13]. **Group-Based** [APRS11]. **Grouping** [ACWW05, ACWW07, MP13]. **Groups** [LLW10]. **Growing** [HAH13]. **Growth** [DST15a, KHP12, TRKRC13]. **GSGS** [AJD¹²]. **Guarantees** [BM13]. **Guest** [CEG14, Che12, CN12, Che13, ESW14, GM16, HC15, HBG16, KS13, KJ04, KJ05, LW15, MNA14, PR14, STHA15, WH11, XHS15, ZC15, ZC14, dSK13, MKARB16, AS15, BPRZ11, Cas06, Cas07, CZ12, FS12, FS13a, GH08b, LNY05b, LNY05a, MPZ07, MPZ08, MPSZ09, MWZ13, MNPZ10, RZF07]. **Guidance** [MSS13b]. **Guided** [FS13b, TGP¹⁵]. **Guidelines** [HLY¹⁶]. **GWAS** [GDWK¹⁵, MWSM12].
- H1N1** [BPJ12]. **H3K4me2** [MMH15]. **Hadamard** [HS08]. **Halving** [AP07]. **Hamiltonian** [GFJ13]. **Hamming** [TSM14]. **Handcrafted** [SDN¹¹]. **HapBoost** [WYY¹³]. **Haplotype** [BH06, FHH¹¹, GKPS11, ICL11, PBJ12, TGLP16, TBGL10, WYY¹³, YXYC13, PRZ¹⁴, PV16]. **Haplotyping** [BBSP08, BVD¹⁰, GGP08, LRR08, SHI06, XWC15, vIKKS08, KO15]. **Hard** [Roc06]. **Hardness** [BO12, JNST09, LV14]. **Hardware** [FVLN15, LSMW11, ZLS¹⁵]. **Harris** [SSD¹⁶]. **Hash** [ZLY¹², HC14a]. **HDS** [CMS12]. **Health** [LKY¹¹]. **Heart** [LKY¹¹, BCMW15]. **Heat** [CRP12]. **Helix** [MRB12]. **Hepatitis** [LLW¹¹]. **Herbal** [SYKS15]. **herpesvirus** [RB14]. **Heterocomplexes** [CWL12]. **Heterogeneity** [AGMP09].
- Heterogeneous** [JGBR15, LBL¹⁰, Mat15, WLC¹⁵, XLWL15]. **Heterozygosity** [CLH13]. **Heuristic** [CH11, GGP08, HT09, HLH11, JNST09, PWT10, TBGL10, TDA⁰⁹, YXYC13, GM14, IM14]. **Heuristics** [BE08, HOS^{12a}, HOS^{12b}, NI07]. **Hexagon** [LBL12b]. **Hidden** [Gou06, cLWA07, PAS¹¹, SPWF14]. **Hierarchical** [GLG10, Kar12a, Mah10, PJJN¹⁴, TNQ08, Val11, WZA07, WLCP11, YP13, ZLW¹¹, ZBKF10, LLC¹⁵, WFD15]. **High** [AS05, BGS¹², BWRF12, CNM11, Che10, DPW12, GGP08, HF07, How13, Kur13, LDS⁰⁷, LN13, LCZN16, LJL¹⁵, Maz12, MC07, MDM13, YP13, DWZ¹⁵, GCC¹⁴, LHWL15, Qiu14, WLG¹⁴, XZY¹⁴, YN14]. **High-Dimensional** [Che10, LN13, Qiu14, YN14]. **High-Order** [LCZN16, DWZ¹⁵]. **High-Performance** [BGS¹²]. **high-quality** [WLG¹⁴]. **High-Resolution** [DPW12]. **High-Throughput** [HF07, How13, Kur13, LJL¹⁵, MDM13, YP13, GCC¹⁴]. **Highly** [GMP08, SSS¹¹, WL13a, HKLN14, SQZA14]. **Hilbert** [LKY¹¹]. **Hill** [RV06, KG12]. **Hill-Climbing** [RV06]. **Hinge** [Shi10]. **Histories** [Ros13]. **History** [BB04, CW09b, LCWZ13, TBRS11]. **HIV** [AFAAW¹¹, LSMF08, MMB¹³, NTCO07, PRZ¹⁴, SYKS15]. **HIV-1** [AFAAW¹¹, SYKS15, LSMF08]. **HIV-1-Human** [MMB¹³]. **HLA** [IDD13]. **HLA-DP1** [IDD13]. **HMM** [SB09]. **homeostasis** [MFS¹⁵]. **Homo** [LudSCH10]. **Homogeneous** [MT12a, ZMT13, ZMT14]. **Homologous** [QTZ15]. **Homologues** [LDS⁰⁷]. **Homology** [Bro05, LGB15, MPM11, Zha07, CWDS15, DGRC15]. **Homomorphisms** [Wil12]. **Hot** [SP11]. **Hough** [TZY11]. **Housekeeping** [SBW15]. **Hub** [DZH16]. **Human**

- [BWS05, CD08, DKDD10, FLW12, GAR⁺09, GBTW16, HLG10, MMB⁺13, RTA⁺16, SKD⁺07, TBRS11, XPH12, ZZCY10, GJPSV14, GBTL14, LP15, WLG⁺14].
- Human-Readable** [HLG10]. **Hybrid** [BHHMCL16, CNM11, CKWY12, GRDV14, KHP12, KN05, PAL⁺12, YCY⁺13, ZWL⁺12, BM14, GÁVRRL15, SDAA⁺14, XXM⁺16].
- Hybridization** [BS07, CH11, HKS11, LS09, PK13, Pre04, MW16]. **Hydrophobic** [CDKT09]. **Hypergeometric** [KPW13].
- Hypergraphs** [RPB⁺13]. **Hypothesis** [BZ07].
- I/O** [HPH⁺15]. **ICGA** [SSS⁺11].
- ICGA-PSO-ELM** [SSS⁺11]. **ICIC** [HBG16]. **ID** [Jam15]. **Identifiability** [AR09, APRS11, Wig15]. **Identification** [AGGM11, CWZW15, CFOS06, CDW12, DMD13, EAS12, FJJ11, GGJ⁺06, HYY11, HHYH07, HC13, JXN⁺16, KCCC15, LLT10, MRB12, MTSCO10, MCCZC08, Ozy12, PWZW15, RTA⁺16, SFH⁺14, SBY12, TGK13, THL11, WGP11, WLWP12, WDS⁺12, XLWL15, YMW⁺12, ZOZ10, ZZDY13, GM14, WLG⁺14]. **Identify** [HHSC13, LXG⁺16, MMH15, TWZW16, KKC⁺14, SQZA14]. **Identifying** [CSK⁺11, CGZ15, DKS⁺15, GGZZ14, IMA13, KSN⁺12, LP15, MM14b, NLGG12, SDN⁺11, SBW15, UWLH15, YAB13, YNWC07, ZZDW13, BMM14, LLW⁺15, PWC⁺15].
- Identity** [NGY⁺16]. **IEEE** [HCQ14, Ano12b, Ano13e, Gus04b, Tit16].
- IEEE/ACM** [Ano12b, Gus04b, Tit16]. **IFN** [ZZ13]. **II** [CLRV09b, EMDH11, FLW⁺14, KJ05, Zha11]. **II.5** [Ano09c, gCLL⁺10, CLM10, LS10, LMK⁺10, RSK⁺10]. **ILP** [KH14, WHBM15]. **ILP/SMT** [KH14].
- ILP/SMT-based** [KH14]. **Image** [LYK07, MCD⁺11, NU06, XZG15].
- Image-Based** [MCD⁺11]. **Images** [ALR⁺13, RV06, SYZ⁺13, SSD⁺16, BLR15].
- Imaging** [BWRF12, TWZ⁺14].
- Imbalanced** [LYK07, OLZ11, YN14].
- Imbedded** [ZC11]. **Immunoassay** [ZWL⁺12]. **Impact** [LNR⁺09, SWH⁺12, WLMW⁺11, MFS⁺15].
- Implement** [Gon13]. **Implementation** [HG16, CFIS⁺15, ZLS⁺15]. **Importance** [FWA10, MMS10]. **Improve** [Bon07, PSN⁺15]. **Improved** [BN06, CWC04, CW09b, Che16, GH08a, HL16, HPL⁺13, HLH11, LJZZ13, Pol13, RAA10, Tan14, WL11, WLG⁺14, YLCC13, SB16, YN14, ZWC15]. **Improvement** [TW10]. **Improvements** [GG11]. **Improves** [HRdR09, KL11a, DI15]. **Improving** [CWDS15, CWL12, HYC12, Jam15, JBP08, JXN⁺16, LWM14, LHY⁺11, MG14, Tsa12, WSX11, YMW⁺12, TYA15]. **Imputation** [PVB⁺12, YPS11]. **In-silico** [SYKS15].
- Inapproximability** [BJ13]. **Include** [FM13]. **Including** [WHS04].
- Incompatible** [TM11, Wil09]. **Incomplete** [ED15, MR10, PVB⁺12, SM08, ZAZ11, YRD⁺14b, ZZ14]. **Inconsistent** [JSA08].
- Incorporating** [HY⁺16, WP08, YPS11, ZD12, WLG⁺14].
- Incorporation** [ED14]. **Increase** [TC13].
- indels** [BS15]. **Independent** [DSHM08, FLAM15, SDCW11, PSK⁺15].
- Index** [Ano04a, Ano05a, Ano06b, Ano08a, Ano09b, Ano10b, BG13, Tit13, Tit16, XTL12a, FN14, CMSE⁺15]. **Indexing** [SVM14]. **Indices** [WLA⁺13]. **Indirect** [ASJ⁺07]. **Individual** [GGP08, VF09, XWC15, BLR15].
- Individuals** [BZ08, MYCW12]. **Induced** [SSDN12, GCC⁺14, SSML15, WLY15].
- inducing** [MMSH14]. **Inequalities** [Mat09].
- inequality** [ZWC15]. **Infer** [CLH⁺15, QTZ15, SV16]. **Inference** [BDS12, BGHM09, BH06, CAN⁺08, EAS13, FHH⁺11, GZFT15, GHL05, HL16, HLY⁺16, ICL11, LCWZ13, LWZ12, MVW⁺13, PSS09, PBJ12, RC11, SN12, SLB⁺08, TBGL10, WKE11, WPL15, Wu11, XWF07, YHY13,

Zha11, DNR15, PRZ⁺14, ZZ14]. **Inferential** [SVZ09]. **Inferring** [FSD⁺11, KCZ⁺15, LLL15, NI07, NSNN12, PKRD12, PAAG07, SSS13b, ZSD08, CZWT15, LAI⁺14]. **Infinite** [Wu10, ZMT13]. **Infinite-Dimensional** [ZMT13]. **Influence** [TAAP11]. **Influential** [BTYC13]. **Influenza** [BPJ12]. **Informatics** [STHA15, ESW14]. **Information** [AC12, AL12, BLR08, CKWY12, CAN⁺08, DGH⁺06, GKPS11, GBS11, HC13, HLG10, LXG⁺16, MGL⁺12, MPA15, NLGG12, PVB⁺12, SMRP15, SWH⁺12, VRK12, WL07, XTL12c, YHYY12, ZM12, ZSD08, ZGB⁺12, BDBH15, CA14, GZGX14, HRHP16, MM14a, SLS⁺14, TAL⁺15, YLH⁺15]. **Information-Theoretic** [GBS11, ZSD08]. **Informative** [LLC⁺13, LLZC12, LLRZ15, LLC⁺15]. **infrastructures** [MKARB16]. **Inhibition** [SYKS15]. **Inhibitors** [AFAAW⁺11, SB12, KPB14]. **Initializing** [Mai09]. **Initiation** [MVW⁺13]. **Initio** [MSS13b, SEC15]. **iNJclust** [LAI⁺14]. **Injection** [HC07]. **Inner** [LTM⁺13]. **inorganic** [DKS⁺15]. **insertion** [DI15]. **Insertions** [QLLX10, HZZT14]. **Inspired** [BB11, SMK⁺12, TNQ08, PV16]. **Instance** [EMDH11, LJK⁺12, WHZ14]. **Instances** [Lab06]. **Instruction** [XLZ⁺15]. **Integer** [BH06, CLH13, CSSS16, SLB⁺08, WCL11]. **integral** [ZWC15]. **Integrated** [Jam13, LBL⁺10, SDCW11, TV11, Tsa12, VF09, BHW⁺14, DC15, MZL15, OFC⁺14, PSK⁺15]. **Integrating** [HLG10, LTM⁺13, LLQ⁺16, RWH⁺10]. **Integration** [CKWY12, Kar12b, MCC16, TWZ⁺14, YFWZ16, ZZN15, Jam15]. **Integrative** [LLCZ15, GMCB14, LYH⁺16, TYL⁺16]. **Integrity** [NFM⁺12]. **Intelligence** [Ano05b, KP12, RZF07]. **Intelligent** [HHYH07, HBG16, YMT⁺14, SHK14]. **Intel** [MPA15]. **Intensities** [MSH⁺11]. **Intensity** [ALR⁺13, YHYY12]. **Intensity-Based** [ALR⁺13]. **Inter** [CWLS15]. **Inter-Sequence** [CWLS15]. **Interacting** [LLW10]. **Interaction** [AC12, BVN⁺11, BNV⁺13, CLM10, CLW13, ECK16, FSDR16, FJJ11, JLYZ16, KAHK⁺10, LS10, MMB⁺13, Mne09, MDM13, OYDZ15, PR12, SBM15, Tsa12, WLCP11, ZLY⁺12, ZDL12, ZLY⁺13, ZZDW13, ZGHD16, FHRG14, HLW15, LLH⁺14, PJJ⁺14, PWC⁺15, XG14]. **Interaction-Related** [AC12]. **Interactions** [ASJ⁺07, ABVD12, BSV10, BNV⁺13, CSK⁺11, GBB⁺11, HLV⁺10, HMK⁺07, JJH12, LLZ⁺13, Mam05, SYM⁺10, ZZDW13, BDBH15, CXS15, HM15, JHXP15, MZS⁺16]. **Interactive** [LTL⁺07]. **interactome** [WZ14]. **Interactor** [DLT10]. **Interface** [CWL12, VSR⁺06]. **interfaces** [LHWL15]. **Intermediate** [CMC⁺12, LDS⁺07, MRB12]. **Internal** [FSB⁺11]. **International** [HCQ14, HBG16, STHA15, ESW14]. **Interpretability** [KZ10]. **Interpretable** [WMK16]. **Interrelationships** [HSISM11, ZD12]. **Interspecies** [MPM11]. **Interspersed** [TDA⁺09]. **Interval** [HYW08, ZWC15]. **Intervals** [BMM06, DST07, Wan12]. **Intervention** [CSW11, NNM⁺12a, QD12]. **Intra** [CWLS15]. **Intra-Sequence** [CWLS15]. **Intracellular** [DADF⁺10]. **Intrastructure** [AL12]. **Intrinsic** [FSDR16]. **intrinsically** [CBN15]. **Introducing** [Sag09b]. **Introduction** [Ano04b, BPRZ11, Cas06, Cas07, CZ12, FS12, FS13a, GH08b, Gus04b, Gus04a, Gus06a, LCTS08, LNY05b, LNY05a, MPZ07, MPZ08, MPSZ09, MWZ13, MNPZ10, MKARB16, RZF07, Wil04a, AS15, CEG14, XHS15]. **Invariants** [JS12]. **Investigating** [BLP⁺12, BJ10, LRM08]. **Investigations** [LS10]. **involving** [DB14]. **Ion** [KL11c]. **Ions** [ZGC⁺05]. **iPFPI** [TYA15]. **IR** [gCLL⁺10]. **IR-Aided** [gCLL⁺10]. **ISB** [ZC15]. **ISB/TBC** [ZC15]. **Islands** [SHI06, SKD⁺07, vIKKS08]. **isolated**

- [SXL⁺14]. **Isolating** [BTYC13, RKDR11]. **Isolation** [RKDR10]. **isomerization** [AJYT⁺15, YMT⁺14]. **Isotope** [ZGC⁺05]. **Issue** [Ano05b, Ano09c, Ano12a, Ano13b, Ano13c, Cas06, LNY05b, LNY05a, Ano13d]. **itemsets** [ZMC⁺14]. **Iteration** [SY09, FWY⁺15]. **iterations** [TYA15]. **Iterative** [KBSCZ12, PGHT12, LAI⁺14].
- JigCell** [VSR⁺06]. **jobs** [VPB15]. **Join** [BFM13]. **joining** [HS15, LAI⁺14]. **Joint** [BWS05, SMRP15, ZWL⁺12]. **Jointly** [BHMA06]. **Journal** [Gus06b, Gus07c]. **Junction** [SN12]. **junctions** [LKLB14].
- K*** [STT⁺14]. **Kalman** [MNND13, WLL⁺09]. **Kemeny** [SPMB13]. **Kernel** [GLW12, HRdR09, IGM⁺07, JXN⁺16, OG11, QL09, SHJL10, SCPS12, WB11, XZC07, ZLY⁺12, ZC11, LLC⁺15]. **Kernel-Imbedded** [ZC11]. **Kernel-Target** [IGM⁺07]. **Kernels** [BMHS13, IGM⁺07, Kuk13, YRD⁺15]. **Kimura** [HS08]. **Kinetic** [BMZM15, WBP⁺12]. **Kit** [OLS⁺13]. **Know** [RRTB12]. **Knowledge** [CSW11, DZ11, ED15, HLY⁺16, JZCZ15, Mam05, MCC16, NP13, TAAP11, WBE13, ED14, MZL15]. **Knowledge-Based** [DZ11, HLY⁺16, NP13]. **Knowledge-Driven** [CSW11]. **Knowledge-Enhanced** [WBE13]. **knowledgebase** [GJK15]. **Known** [MYCW12, SBY12]. **Kronecker** [CP13]. **KungFQ** [GDM12].
- Label** [JM12, LJK⁺12, WL13b, RTWR15, WHZ14, YRD⁺13]. **label-free** [RTWR15]. **Labeled** [FGKH11, KSM14]. **Labeling** [PH10a]. **labelled** [LV14]. **Laboratory** [LPH⁺13]. **lagged** [GM14]. **Lagrangian** [AKR12]. **Lamarckian** [ORCJ13]. **Langevin** [SCCDK09]. **Language** [WCMZ15]. **Laplace** [WDS⁺12]. **Laplacian** [BM12, LJL⁺14, NO09, WZ13a]. **Lapse** [DST15a]. **Large** [DADF⁺10, GKPS11, GLG10, GHL05, HAK⁺12, JGBR15, JLYZ16, KBSCZ12, LFK16, OMWX09, OC13, PAS⁺11, PG06, PR12, QBPEL12, TBRSS13, YB08, ZLY⁺13, IM14, Mat15, SHK14, YHV⁺15]. **Large-Scale** [GHL05, HAK⁺12, JLYZ16, OC13, TBRSS13, IM14, SHK14]. **Lasso** [GHL05, FYSM12]. **LateBioclustering** [GM14]. **Latent** [GMCB14, JZL13, Mam05, RGCB05]. **Lateral** [CDW12, MVW⁺13, THL11, ZWL⁺12]. **Lattice** [DCVC11, GZS12]. **law** [LWM14]. **Laws** [HLM⁺13]. **layered** [KKC⁺14]. **Layout** [GH08a]. **LC** [BTTR11, RTWR15, TTWR13]. **LC-MS** [BTTR11, TTWR13]. **Learn** [KMG⁺05]. **learned** [SPWF14]. **Learning** [AV12, AM12, BMK11, BLR08, gCLL⁺10, Che10, Che16, DGY05, DZ11, FSMJ05, GAR⁺09, HHSC13, HF12, HTLL12, IYA12, JM12, Kar12a, KK08, KSS15, LJK⁺12, LCZN16, LNY05b, LNY05a, LTL⁺07, Mam05, NFM⁺12, OLZ11, PH10b, PAAG07, SDN⁺11, TNQ08, TAAP11, TBRSS13, WL13b, XPXY11, ZHSS07, AJYT⁺15, AM15, BCLC15, CR14, GJPSV14, GÁVRRL15, LLCZ15, SLW15, SEC15, SFH⁺14, WHZ14, YN14]. **learning-to-rank** [SFH⁺14]. **Least** [FYSM12, LN13, MBS15]. **Least-Squares** [LN13]. **Length** [HYW08, RW07, SSS13a, MM14b, SSKH15]. **lengths** [FWY⁺15]. **Less** [ZSC⁺10]. **Level** [AS05, AV12, HvIKS11, vIKK⁺09, LHWL15]. **Level-1** [HvIKS11]. **Level-2** [vIKK⁺09]. **LGH** [XWC15]. **Liability** [QBPEL12]. **libraries** [HPH⁺15]. **Library** [GSK13, UJ09]. **life** [IM14]. **Ligand** [AM12, GLW12, HF07, STT⁺14, WLL13, AM15]. **Ligand-K*** [STT⁺14]. **light** [GCC⁺14, VPB15]. **light-induced** [GCC⁺14]. **light-weight** [VPB15]. **Like** [FM11, GAR⁺09, KG12, Ros13]. **Likelihood**

- [ACPR10, LCWZ13, MRS09, Roc06, Wu10, TDD14]. **Line** [ZWL11]. **Lineage** [MR10, ZZ14]. **Linear** [BEW09, CSSS16, FM13, JNST09, LCC⁺11, MTSCO10, NO09, OC13, PRU11, RBdJ11, SLB⁺08, UC10, Wig15, WCL11, dJP08, BS15, KGK14]. **Linear-Time** [JNST09, LCC⁺11]. **Linearization** [CC09]. **lines** [MFS⁺15]. **Linkage** [LLC⁺13, XWC15, Jam15]. **Linked** [WRH⁺09]. **Lipid** [HBRU13]. **List** [Ano06a, Ano08b, Ano09a, Ano10a, Ano13a, KL11b, RSJK13, IEE05, IEE07, XTL12b, Ano16]. **List-Colored** [RSJK13]. **Literature** [AAF⁺13, CLH⁺15, HW07, LHLY11, LNC⁺05, Ozy12, XTL12c, ADTAQ16, TAL⁺15]. **Literature-Based** [AAF⁺13]. **Literature-Oriented** [CLH⁺15]. **Little** [RRTB12]. **Live** [TRKRC13]. **Live-Cell** [TRKRC13]. **Liver** [OG11]. **LMMSE** [GH15]. **LNA** [BM12]. **Local** [AH11, ABH⁺14, BEW09, BG05, CBFB12, HT09, HB11, MGK08, NI07, SS04, TDA⁺09, Wu11, YAB13, DI15, MG14, PSK⁺15]. **locality** [LJL⁺14]. **Localization** [hLMBJ11, MGK08, OM07, QWC⁺16, SP11, TR07, YL12]. **Location** [HYW08, XPXY11]. **Loci** [MR10, DNR15]. **locomotor** [GCC⁺14]. **Locus** [LLC⁺13, XWC15]. **Log** [Roc11]. **Log-Odds** [Roc11]. **Logic** [BMZM15, CSK⁺11, CL14, FHRG14]. **Logical** [GBB⁺11]. **Logics** [RdMCBC13]. **Logistic** [CSK⁺11, LLH⁺14, ST05]. **Long** [MWL⁺12, QD12, TR07, CWLZ14]. **Long-Run** [QD12]. **Longest** [BVD⁺07, RW07, NYOL15]. **longevity** [WFD15]. **Loop** [PPM⁺13, Str11]. **Loops** [YDM⁺08]. **Loss** [CLH13, HBC⁺11]. **Losses** [CDW12]. **Lossless** [KNR05]. **Low** [CDB⁺16, GGP08, HCLS11, NPBD16]. **Low-Rank** [CDB⁺16]. **Low-Resolution** [HCLS11]. **Lower** [BB04]. **LTRs** [AD12]. **Lymphomas** [SKD⁺07].
- Machine** [AV12, AM12, gCLL⁺10, Che10, DZ11, GAR⁺09, KSS15, LNY05b, LNY05a, RTA⁺16, SDN⁺11, SZLL11, WLL13, ZHSS07, AM15, EES14, SLW15]. **Machine-Learning-Based** [AM12]. **Machines** [AD12, LLX⁺11, LLT10, MNR09, WZ13a, XZC07]. **Macromolecular** [RST10]. **Macromolecule** [GAGM11]. **macromolecules** [PSK⁺16]. **MAFFT** [ZLS⁺15]. **Mahalanobis** [MT11]. **Majority** [PI09]. **mammalian** [CV14]. **Manifold** [HF12]. **Manipulating** [SBRK11]. **Many** [BG13, GGP08]. **Map** [BCL13b, CGPW06, Gra04, KD15]. **Mapping** [DGH⁺06, DSHM08, MTM⁺15, NPK⁺07, STO06, TC16, CWLZ14, Jam15]. **Maps** [CBES11, JSA08, LDS⁺07, MRB12, VMD⁺08, WZA07, WCL11, ZS07, HC14a, SDA⁺14]. **Marginalization** [SN12]. **Marker** [DGH⁺06]. **Markers** [HCA⁺10, SSS13b, MM14b]. **Markov** [BBH12, DGRC15, Gou06, GJY⁺14, JS12, KCZ⁺15, KL11c, cLWA07, MG14, RH05, RC11, SMB12, SPWF14, TM11, VF09]. **Markov-Blanket-Based** [RC11]. **Mass** [ASI⁺11, BM08, BKR11, HYY11, KSS15, OG11, PH10a, SN12, YMW⁺12, ZGC⁺05, ZLW⁺11, ZGB⁺12, DST⁺15b, KGF⁺14, SHK14]. **Massively** [BBH12, Dem12, GLS⁺16, TIA⁺11]. **Match** [RW07]. **matched** [SB16]. **Matches** [GRS⁺13, PRU11]. **Matching** [AFJ12, ADPH11, BG12, Gra04, LRM12, MCD⁺11, Pol13, ABH⁺14, HC14a, ARZ⁺14]. **materials** [DKS⁺15]. **Mathematical** [AVD⁺12, BvdGK⁺11, MBF⁺11, TR13, ZZ13]. **Matrices** [AH11, CDB⁺16, JS12, PRU11, Roc11, SCC⁺15]. **Matrix** [DFM⁺11, JLwC11, ZWZ16, ZZN⁺11b, LYH⁺16]. **Matt** [DKCM12]. **Max** [FJJ11, LLC⁺13, LCZN16, SR06]. **Max-Correlation** [LLC⁺13]. **Max-Flow-Based** [FJJ11]. **Max-Min** [LCZN16]. **MaxCut** [SR10]. **Maximal** [GRS⁺13, KVX12]. **Maximally** [BNV⁺13].

Maximize [LJZZ13]. **Maximizing** [GE14, ZMT14]. **Maximum** [ACPR10, BN06, CCYW12, Cs04, GRH08, GM09, GB10, LCWZ13, MRS09, Roc06, SYZ⁺13, SLB⁺08, SCPS12, TDD14, CZWT15, HKLN14, SSKH15]. **Maximum-Parsimony** [SLB⁺08]. **Maximum-Scoring** [Cs04]. **MCMC** [MMS10]. **Mean** [DZ11, WDS⁺12]. **Means** [SKD⁺07, TED⁺12, IM14]. **Measure** [BB11, HBH12, KPW13, LTM⁺13, MT11, Pol11, SGC07, SSD⁺16, SLS⁺14, SMK⁺12, BM14]. **Measurement** [TRKRC13, BCMW15]. **Measurements** [BZ10, SVZ09, ZAZ11]. **Measures** [AKNB07, JCF13, PKM06, RBdIVMGP16, CV14, HC14b, RB14, WSTL⁺15]. **Measuring** [LFK16]. **Mechanism** [ASJ⁺07]. **Mechanisms** [ZZ13, KSA16]. **Median** [BMM08, JSA08]. **mediated** [SSML15]. **Medical** [BWRF12, KSA16]. **Medicine** [Ano12a]. **medicines** [CZB⁺16]. **MEDLINE** [WCMZ15]. **Meets** [LBQ⁺13]. **Melanoma** [Mah10]. **Melting** [DPW12, ZL15]. **Mem** [WMK16]. **Mem-mEN** [WMK16]. **Membership** [SBM15]. **Membrane** [NFM⁺12, WMK16]. **Memory** [CMSE⁺15, DBZ12, TR07, WCLY12, ZLH12]. **mEN** [WMK16]. **mer** [HC14a, LMZ14]. **Merging** [LV14, LLL16]. **Message** [Wil04b]. **Metabolic** [DMD13, LFS06, LCTS08, SBRK11, SMK⁺12, YWK⁺07, vBdRD⁺11, SYV14]. **Metabolism** [ACC⁺13]. **Metadata** [FLM⁺16]. **Metagenomes** [LFK16, SWH⁺12]. **Metagenomic** [QTZ15, LZGZ14]. **Metaheuristic** [BVN⁺11]. **Metaheuristics** [SGH12]. **Metal** [PLF12]. **Metal-Binding** [PLF12]. **Metasample** [ZZN⁺11a]. **Metasample-Based** [ZZN⁺11a]. **Method** [BG05, BLR08, BZ08, CCYW12, DZA⁺06, DBZ12, DWSB11, DHC12, HC07, JLH16, KTL15, LLZC12, LWZ12, LXG⁺16, LGX10, MK16, NGY⁺16, RGI13, RLV04, SH11a, SZ11, SSFW12, TWG⁺12, TBRS13, TK05, WBP⁺12, WZJH12, WHWP12, YH13, ZWSX12, DNR15, DPL⁺14, GCC⁺14, GH15, IM14, KKC⁺14, KH14, LLW⁺15, LLL16, LLC⁺15, PS15, SYV14, YTLL15, YN14, ZSY⁺14, ZZ15]. **methodological** [BF14]. **Methodology** [JCF13, KG15]. **Methods** [CSK⁺11, DPS⁺13, FS12, FS13a, FYSM12, JDCC12, KSN⁺12, LN13, LJL⁺15, LPH⁺13, MBF⁺11, SMK⁺12, TV11, Wil09, Wu11, DS14, SQZA14, SFH⁺14, WFD15]. **Methylated** [HHSC13]. **Methylation** [SKD⁺07]. **Metric** [BS09, CLRV09a, CLRV09c, CAN⁺08, LRM12, Nak10]. **Metrics** [CLRV09a, CLRV09b, HSISM11, Mos07]. **Metropolized** [MMS10]. **MHC** [EMDH11, FLW⁺14]. **MHC-II** [EMDH11]. **Microarray** [ABVD12, BDP11, BZ10, BLP⁺12, BHHMCL16, BLR08, Che10, EAS12, EAS13, EFLA08, FJJ11, GK08, HC16, IVA11, JCF13, KZ10, LTM⁺12, LTM⁺13, LH10, LPH⁺13, LTL⁺07, MP13, MC07, NU06, PSS09, RGCB05, RV06, SVZ09, SBW15, SC11, SY09, SYZ⁺13, SIM12, ST05, TZH07, TGGF10, TZY11, TC13, TBKH05, WGP11, WLPW16, WDS⁺12, XZC07, YM11, YC08, YNWC07, YPS11, YHB12, ZLZ06, ZHSS07, ZC11, BMM14, CZWT15, MM14b]. **Microarrays** [CD08, PBhL⁺11]. **microbial** [JHXP15]. **microfluidic** [AIS⁺16]. **microhomology** [SSML15]. **microhomology-mediated** [SSML15]. **Micron** [RA16]. **microRNA** [LLL16, SPMB13, WZ13a]. **microRNA-Binding** [WZ13a]. **MicroRNAs** [WLG⁺14]. **Microscopic** [SSD⁺16]. **microscopy** [BLR15]. **Migration** [NGY⁺16]. **Min** [LLC⁺13, LCZN16]. **Min-Redundancy** [LLC⁺13]. **MinePhos** [XTL12c]. **Minimal**

- [BNV⁺13]. **Minimization**
 [BvdGK⁺11, GMP08]. **Minimizing** [Zha11].
Minimum [BGHM09, BM13, BCL13b, CEFBS06, CC09, CD08, MMS10, vIKKS08].
Minimum-Flip [CEFBS06]. **Mining**
 [BNV⁺13, CLW13, HPL⁺13, HW07, JR14, JLH16, LLW⁺11, LHLY11, LNC⁺05, LWG⁺14, LC10, MMB⁺13, MC07, PR12, RMS15, STO06, TK05, WCMZ15, XTL12c, KD15, TAL⁺15, WSTL⁺15]. **MINT**
 [HRHP16]. **Minutes** [LBL12a]. **MiRNA**
 [CLW13]. **miRNAs** [KTLM15]. **Mismatch**
 [Che16, YCYC12]. **Missing**
 [YPS11, ZZDW13, KS14]. **Mitigate**
 [CMSE⁺15]. **Mixed**
 [PKRD12, SdOC⁺12, SLB⁺08, ZWZ16].
Mixes [MMS10]. **Mixing** [PPZ12].
Mixture
 [BTTR11, CGZ15, HYY11, PRZ⁺14].
Mixtures [APRS11, GM09, RdlCGW09].
MMBIRFinder [SSML15]. **Model**
 [AVD⁺12, AGGM11, AGMP09, BBK⁺12, BLP⁺12, BCFCC13, CP13, CW09a, CW11, CGZ15, CGLF12, CKWY12, GBS11, Gou06, GBB⁺11, HYY11, HS08, HCLS11, JJH12, JGBR15, JZL13, JLYZ16, KCZ⁺15, Kar12b, KHP12, LLX⁺11, MT12b, MT12a, MBF⁺11, NA11, RAA10, RC11, RST10, RZMT15, RdMCBC13, RBdJ11, SCCDK09, TRBK09, TZY11, VSR⁺06, WCMZ15, WKE11, Wig15, Wu10, WDS⁺12, YXYC13, YOGY11, ZMT13, ZDL12, ZXB11, ZWY⁺10, ZZDW13, DKS⁺15, HLW15, JHXP15, LWM14, PRZ⁺14, RTWR15, WFD15, XZY⁺14, ZMT14, ZWL⁺14b].
Model-Based [TZY11, ZWY⁺10].
Modeling [CLST⁺13, CHL⁺12, DBTB09, FSB⁺11, GGH⁺13, Gos11, GBB⁺11, HW07, JFN11, KG12, LLW10, MVS⁺13, MNW⁺04, PLMV12, RdlCGW09, RMS15, SdOC⁺12, TV11, WLL⁺09, WGP11, WMWA12, WBP⁺12, WLPW16, ZZ13, BF14, DI15, KPB14, KD16, MCH⁺15, ARZ⁺14, PJN⁺14, YMT⁺14]. **modelled** [YLH⁺15, ZSY⁺14].
- Modelling** [BMZM15, ZK16]. **Models**
 [AR09, APRS11, AAE11, BTTR11, BHMA06, CNM11, CGPW06, Dal16, EW04, FWA10, FKLS07, GzS11, GZS12, HS09b, KC11, KL11c, LL11, cLWA07, LW13a, NSNN12, PB12a, SFB⁺08, Smi09, TIA⁺11, TRBK08, TBKH05, VSR⁺06, VF09, XWF07, ZWL⁺12, dJP08, HM15, KFHK14, SPWF14, ZSY⁺14].
Modes [UAH16, DB14]. **Modified**
 [EAS12, MCCZC08, SSD⁺16, SKD⁺07].
Modularity [HK12, WZ14]. **Modulator**
 [CRP12]. **Module** [ZZN15]. **Modules**
 [JLYZ16, KMG⁺05, LLH⁺07, MTSCO10, WLCP11, GGZZ14, LLL16]. **Molecular**
 [AFAAW⁺11, ADPH11, BZ07, BS10a, CGLF12, CKWY12, CBES11, DM09, FSMJ05, Han10, KPB14, RPB⁺13, RTA⁺16, WLC11, WB11, ZGC⁺05, ZXB11, ZZN⁺11b].
Monte [GJY⁺14, ADTAQ16, Bi09].
Morphogenesis [CHC⁺05, JGBR15]. **Most**
 [IMA13]. **Motif** [BNV⁺13, CW11, CL08, DBR07, HLH11, JL10, Kar12a, KL11a, KC11, LFS06, LMPT15, LCLL10, hLMBJ11, LT07, MIC⁺07, RLV04, RSJK13, WLPW16, FWY⁺15, MMFD14, Tan14, YHV⁺15, Bi09, MMFD14]. **Motifs**
 [ACP10, BvBF⁺11, BVN⁺11, CFOS06, CSS11, PCGS05, RA16, SSFW12, WHWP12, Wer06, FWY⁺15, LWG⁺14]. **Motifs-Based**
 [SSFW12]. **Motions** [CBES11]. **Mouse**
 [JZL13, NPK⁺07]. **Moves**
 [BGHM09, GZS12]. **MRFy** [DGRC15].
MRI [GH15]. **mRNA** [WMWA12, ZK16].
MS [BTTR11, RTWR15, TTWR13]. **Multi**
 [JM12, LJK⁺12, TGP⁺15, WMK16, YRD⁺13, CR14, GMCB14, Gu16, HWK14, KKC⁺14, LLCZ15, RHH16, WHZ14].
Multi-Assembly [TGP⁺15].
Multi-Functional [WMK16].
Multi-Instance [LJK⁺12, WHZ14].
Multi-Label
 [JM12, LJK⁺12, YRD⁺13, WHZ14].
multi-layered [KKC⁺14]. **multi-objective**
 [RHH16]. **multi-platform**

[GMCB14, LLCZ15]. **multi-scope**
 [HWK14]. **multi-state** [Gu16]. **multi-task**
 [CR14]. **Multicategory** [ZHSS07].
Multiclass
 [RM13, SSS⁺¹¹, XAW07, YOKI09, ZC11].
Multicore [MTM⁺¹⁵]. **Multicriterion**
 [YM11]. **Multidimensional** [HCA⁺¹⁰].
Multidomain [JJH12, WKE11].
Multidrug [NTCO07]. **Multiexpressions**
 [Zou13]. **Multifaceted** [AL12]. **Multilabel**
 [WL13b, YRD^{+14a}]. **Multilabeled**
 [GJS11, HSISM11]. **Multilevel** [PLMV12].
Multilocations [WL13b]. **Multilocus**
 [LLC⁺¹³, MWSM12]. **Multimeme**
 [NTCO07]. **Multimodal**
 [HS09a, HS09b, LGB15, LLCZ15].
Multinomial [LW13a]. **Multiobjective**
 [HKK07, MPF12, MMB⁺¹³, TGK13,
 TGD⁺¹⁶, GÁVRRL15, MM14b, SB12].
Multiparameter [SSDN12]. **Multipartite**
 [VKM07]. **Multiple**
 [ABS15, BAK06, BLJ12, BHHMCL16,
 Bro05, CW12, CWLS15, CGPW06, DBZ12,
 EMDH11, HL16, HVG04, HS15, HPL⁺¹³,
 HB11, JLYZ16, JXN⁺¹⁶, LH10, LCC⁺¹¹,
 LW13b, MMH15, MR10, NP13, PS11, PT09,
 PS15, QL09, QWC⁺¹⁶, SK12, SSFW12,
 SPWF14, TDA⁺⁰⁹, WS08, WLMW⁺¹¹,
 WHKK07, WPL15, WLA⁺¹³, YLL⁺⁰⁶,
 YFWZ16, DNR15, MW16, PJP⁺¹⁴,
 YICW⁺¹⁵, YRD⁺¹⁵.
Multiple-Filter-Multiple-Wrapper
 [LH10]. **Multiple-Filters** [BHHMCL16].
Multiple-Grain [JLYZ16].
Multiple-Sequence [NP13].
Multiple-Structure [WS08].
Multiple-Valued [LW13b]. **multiplier**
 [CL14]. **Multipositional** [GLW12].
Multiprotein [HK12]. **Multiresolution**
 [HYC12]. **Multisample** [SSS13b, ZYW⁺¹³].
Multiscale [GGH⁺¹³, HMW⁺¹²,
 NNM^{+12b}, SCSDK09, ZLW⁺¹¹].
Multiseed [KNR05]. **Multistage** [DLT10].
Multistate [GG11]. **Multitask** [XPXY11].

Multivariate
 [KPW13, Kuk13, ZAZ11, CBN15]. **muscle**
 [SXL⁺¹⁴]. **Muscular** [BCL^{+13a}].
Mutagenic [Che16, YCYC12]. **Mutant**
 [HLG10]. **Mutants** [DSZ⁺⁰⁶, GCC⁺¹⁴].
Mutation [DSZ⁺⁰⁶, MYCW12].
Mutations [DFM⁺¹¹, KCZ⁺¹⁵, PBJ12].
Mutual [DGH⁺⁰⁶, MPA15, SMRP15,
 ZGB⁺¹², HRHP16]. **myonuclear** [SXL⁺¹⁴].
Naive [WDS⁺¹², LW13a]. **Nakhleh**
 [CLRV09c]. **Name** [YSC13, HWK14].
named [HK15]. **named-entity** [HK15].
nanotubes [MZS⁺¹⁶]. **Nature** [BS08].
Naturelike [BPP⁺¹³]. **NcRNA**
 [SBY12, LTaS13]. **Near**
 [BMH⁺¹⁶, BEW09, SDB⁺⁰⁷, MW16].
Near-Linear [BEW09]. **Near-Perfect**
 [SDB⁺⁰⁷]. **Nearest** [AC12, ZSC⁺¹⁰].
Necessarily [PK13]. **Necessary** [Son06].
Negative [TWZW16, XL16, WLG⁺¹⁴].
neighbor [HS15, LAI⁺¹⁴].
neighbor-joining [LAI⁺¹⁴].
Neighborhood [BS10a, GRH08, MZL15].
Neighborhoods [CCLJ13, HW13, LBL12b].
Neighbors [AC12, ZSC⁺¹⁰, LMZ14].
Nested [Wan12]. **Nestedness** [GF10]. **Net**
 [CNM11]. **Nets** [WMK16]. **Network**
 [AKMT12, BDS12, BMK11, BSLR05,
 BNV⁺¹³, CXW⁺¹³, DFTC12, FHRG14,
 GHL05, HAK⁺¹², HS09b, HW07, JDCC12,
 KAHK⁺¹⁰, LCWZ13, LCZN16, LLZ⁺¹³,
 LLL15, MMB⁺¹³, MVW⁺¹³, NNSZ07,
 PSS09, RC11, RV13, SQZA14, TIA⁺¹¹,
 TDK13b, TC13, VSR⁺⁰⁶, WHWP12, Wer06,
 XWF07, YXYC13, YCCM12, ZDL12,
 ZZN15, ZWL15, ZK16, ZZDW13, ADTAQ16,
 BDBH15, FZM15, HLW15, LP15, MMFD14,
 MG14, SEC15, TWZ⁺¹⁴, WZC⁺¹⁵,
 XLC⁺¹⁵, XXM⁺¹⁶]. **Network-Based**
 [PSS09, RV13, FHRG14, SQZA14].
Network-Lasso-Constrained [GHL05].
Networks [AVD⁺¹², AFJ12, ABS15,
 BGS⁺¹², BZ07, BCL^{+13a}, BvBF⁺¹¹,

BSV10, BJ10, BPJ12, BVN⁺11, CRV09, CCRV09a, CCRV09b, CCRV09c, CDB⁺16, CC07, CW12, CXW⁺13, DZH16, DT11, EAS13, ECK16, FSDR16, FPPR11, FSD⁺11, GH08a, Gos11, GBB⁺11, HLM⁺13, HB05, HS09a, HF07, HM13, HAH13, HMW⁺12, HLY⁺16, HC13, HvIKS11, HDKS04, Hus09, INT11, JLYZ16, JNST09, JFN11, KN05, KP12, KCCC15, KSB12, LFS06, LCTS08, LSMF08, LLH⁺07, LL11, LCZN16, LW13b, MBGP12, MPA15, MDH11, MNW⁺04, Nak10, NRV09, NI07, NSNN12, OMAdG⁺12, OYDZ15, OC13, PB12a, PAL⁺12, PH10b, PB12b, PPZ12, PR12, QD12, RST10, RMV12, RRTB12, RMS15, SdOC⁺12, SS06b, SV16, SNM12, TIA⁺11, TAAP11, TWG⁺12, TGK13, TGD⁺16, TV11, TGGF10, TR07, TDK13a, UWLH15, VRK12, WLL⁺09, WLCP11, WP08, Wil11, Wil12, XWF07, YFWZ16, ZM12]. **Networks** [ZLY⁺13, ZZN15, ZWZ16, ZSD08, ZZDW13, Zou13, dJP08, vIKK⁺09, CZWT15, CXS15, DYD15, GTDK15, HKLN14, KH14, KD15, LLW⁺15, MW16, MM14a, NCMCAR15, PWC⁺15, RHH16, SRLR14, XG14, ZWL14a, ZWC15]. **Neural** [CC07, HB05, HF07, KN05, LSMF08, RMS15, XLZ⁺15, XWF07]. **Neural-Genetic** [KN05]. **Neuroimaging** [WLA⁺13]. **Neuroinformatics** [NPK⁺07]. **Neuronal** [TGK13, TGD⁺16]. **Next** [FS13b, WPL15, CWLZ14]. **Next-Generation** [FS13b]. **Nibble** [PWZW15]. **niger** [OMAdG⁺12]. **NMF** [Mir14]. **NMR** [CCA12, WL07]. **NNI** [BEW09]. **NNI-Based** [BEW09]. **No** [Wan16]. **Noah** [HBC⁺11]. **Nodal** [CLRV09b]. **node** [ZZ15]. **Nodes** [ABS15, LP15]. **Noise** [AKS13, FN14, SSDN12, ZZZS07, WLY15]. **Noise-Induced** [SSDN12]. **Noisy** [MDM13]. **Non** [Wig15, XL16, ABH⁺14, KGK14, MM14b]. **non-fixed** [ABH⁺14]. **Non-Linear** [Wig15, KGK14]. **Non-Negative** [XL16]. **non-redundant** [MM14b]. **Nonbinary** [LS09]. **Noncoding** [CAN⁺08, ZHEB05, SLW15]. **nonexcitable** [LCOMG14]. **Noniterative** [JDCC12]. **Nonlinear** [DZ11, LRM08, LL11, NSNN12, SdOC⁺12, WLL⁺09, YPS11]. **Nonnegative** [Han10, LN13]. **Nonoverlapping** [Kur13]. **Nonparametric** [LTM⁺13, LHTT11, LGX10, Mir14, TIA⁺11]. **normal** [WDX⁺15]. **Normalization** [CLM10, DLT10, SWH⁺12, VRJ⁺10, RTWR15]. **Normalized** [WPL15, YH13]. **norms** [MMSH14]. **Note** [Ano10c, BS11]. **Noun** [Ozy12]. **Novel** [AKNB07, AC12, CSW11, Che16, CWZ08, DKDD10, DZ11, KTL15, LLZC12, MRB12, MPF12, PSN⁺15, SP11, SBM15, SSS13b, TNQ08, TDA⁺09, TK05, YXYC13, YC08, YH13, CL14, GZGX14, KPB14, LLL16, STT⁺14]. **Novo** [Bi09, SB12, AKR12, DST⁺15b, HG16, KSS15, ARZ⁺14]. **NPPC** [GMSD11]. **Nuclear** [HCA⁺10, CZB⁺16]. **Nucleosome** [CGZ15, GZGX14]. **Nucleotide** [CW07, CL08, KT07]. **null** [LWM14]. **Number** [BB04, BHMA06, BS07, CW09a, Gru11, MA12, PKRD12, PK13, SDCW11, XL16, YCCM12, DR14, LWM14, MMSH14, SB16]. **Numbers** [YH13]. **Numerical** [SCCDK09]. **O** [HPH⁺15]. **objective** [RHH16]. **Objects** [Str11]. **Oblivious** [CLR10]. **odd** [EES14]. **Odds** [Roc11]. **ODE** [ZSY⁺14]. **ODE/DDE** [ZSY⁺14]. **Off** [PH10b]. **Oligonucleotide** [HKS11, LEAK11]. **Omic** [Ano12a, BCCLC15]. **Oncogenes** [PG12, YCCM12]. **OntoGene** [RSK⁺10]. **Ontology** [AMGC16, CM16, DKDD10, FLM⁺16, MPM11, PKM06, ZLY⁺13, BM14, JC15]. **Ontology-Based** [CM16, FLM⁺16]. **Open** [Ano13e]. **Operation** [BFM13, OLS⁺13]. **Operational** [WLA⁺13]. **Operations** [HS09a]. **Operon** [CYTY13]. **Optimal**

- [BHS⁺04, BAK06, Dal16, DK13, DYD15, DFM⁺11, HYW08, Mne09, SK08, SPMB13, WAK13, YOKI09, ED14]. **Optimality** [ACC⁺13]. **Optimization** [AKS13, Che16, CYTY13, DMD13, ED15, GK08, HKK07, HOS⁺12a, HOS⁺12b, mHB13, HRdR09, IGM⁺07, JDCC12, MPF12, Mai09, Mat07, ORCJ13, PAAG07, RKDR11, SdOC⁺12, SB12, SB16, XWF07, XAW07, ZGB⁺12, GÁVRRRL15, Gu16, SPWF14]. **Optimization-Based** [ED15]. **Optimized** [EFLA08, GH15]. **Optimizing** [Bro05, LMZ14, PB12b, Pol11, TC16]. **Optimum** [WS08]. **Option** [QBPEL12]. **Order** [KCZ⁺15, LCZN16, PB12a, Wig15, DWZ⁺15]. **Orderings** [SMB12]. **Orders** [JSA08, HZZT14]. **Organelle** [ACC⁺13]. **organism** [WFD15]. **organization** [WZ14]. **Organized** [WZ14]. **Organizing** [WZA07]. **Oriented** [CLH⁺15, MCD⁺11]. **Origin** [BPJ12, RB14]. **Ortholog** [VKM07]. **Orthologous** [CZF⁺05]. **Oscillation** [Wig15]. **Oscillations** [WGP11]. **Oshell** [LHN⁺14]. **Other** [AKS13]. **OTU** [NSZK15]. **Outcomes** [HYC12, PGHT12]. **Outgoing** [Gus09b]. **Outlier** [CWL12, OFC⁺14]. **Output** [Wan12]. **Output-Sensitive** [Wan12]. **overlap** [KD15]. **overlaps** [SSKH15]. **Overproduction** [DMD13]. **Overview** [LMK⁺10].
- P** [CXS15, TAL⁺15]. **P-Finder** [CXS15]. **p53** [DSZ⁺06]. **Pacific** [HC15, ZC14]. **PageRank** [PWZW15]. **Pair** [BNV⁺13, CLM10, Tsa12, WZ13b, ZGDH16, OFC⁺14]. **Pair-Wise** [ZGDH16]. **paired** [SKK14]. **Pairing** [BWS05, JBP08]. **PairProSVM** [MGK08]. **Pairs** [BHS⁺04]. **Pairwise** [AH11, BAK06, DK13, MGK08, VF09, ZLY⁺12]. **palindromes** [RB14]. **Palytoxin** [BCFCC13]. **Pancreatic** [BMH⁺16, MFS⁺15]. **Pandemic** [BPJ12]. **Panmictic** [Wu10]. **Papers** [Ano05b, Ano09c, Ano12a, Ano13d, Ano13b, Ano13c, LC10, AS15]. **paradigm** [XG14]. **Parallel** [BBK⁺12, BBH12, Dem12, GLS⁺16, LHS16, MBGP12, MPA15, OMWX09, TIA⁺11, ZLS⁺15, CFIS⁺15, GPSF15, GJY⁺14]. **Parallelized** [HTLL12]. **Parallelizing** [GDWK⁺15]. **Paramecium** [iAOSS16]. **Parameter** [BS11, BBK⁺12, BS07, FKLS07, GB10, HF12, MNND13, PK13, SGH12, ZWL⁺12, Gu16, HLW15, ZSY⁺14]. **Parameter-Free** [HF12]. **Parameterized** [BN06, BvBF⁺11, SLH⁺06a, SCC⁺15]. **Parameterless** [TK05]. **Parameters** [TBR13, Zou13]. **Parametric** [YAB13, FN14, KGK14]. **Parasite** [GAR⁺09]. **Pareto** [ACC⁺13, DK13, RM13]. **Pareto-Fronts** [RM13]. **parity** [EES14]. **Parsimonious** [CLH13, MW16]. **Parsimony** [ACPR10, BVD⁺10, BH06, DST07, GRH08, GM09, ICL11, JNST09, NNSZ07, SHI06, SLB⁺08, TBGL10, WMS09, vIKKS08, KO15]. **Parsing** [RAA10]. **Part** [Cas06, Cas07, KJ04, LNY05b, LNY05a, KJ05]. **Partial** [BBK⁺07, HYY11, HDKS04, KK08, MMS10, Smi09, TGGF10, ZOZ10, MBS15]. **partially** [LV14]. **Particle** [CYTY13, XWF07, XAW07, GBLZ14, SPWF14]. **Partition** [Mai09, TC16]. **Partition-Optimization** [Mai09]. **Partitioning** [HKLN14, BM15]. **Path** [BCL13b, HS08, Val11, BM14, ARZ⁺14, SVM14]. **Pathogen** [YBGB10]. **Paths** [MMS10, TGP⁺15]. **Pathway** [AJD⁺12, CNM11, HHYH07, PPM⁺13, ED14, LYH⁺16]. **Pathways** [DMD13, ED15, FKLS07, GLS⁺16, KSN⁺12, SBRK11, UWHL15, ZZ13, GJPSV14]. **Pattern** [BHS⁺04, CLST⁺13, GGJ⁺06, Han10, HPL⁺13, LJK⁺12, STO06, SHJL10, WMWA12, ZZN⁺11b, ZAZ11, ABH⁺14, KD15, MNA14]. **Patterns** [BLR08, CLW13, Gra04, MMH15, PG06, PCGS05, SB09, XL16, ZGC⁺05, CA14,

- GÁVRRL15, KGK14, TYL⁺16, WL14]. **PC** [TSMMG⁺13]. **PCR** [Che16, YCYC12]. **PDZ** [HZTP12]. **Peak** [PH10a, YHYY12, YLL⁺06, ZLW⁺11]. **Peak-Labeling** [PH10a]. **Peakbin** [ASI⁺11]. **pediatric** [ZMP⁺14]. **Pedigree** [MYCW12, PVB⁺12]. **Pedigrees** [PG06, PBJ12]. **Penalized** [ST05, ZZN⁺11b, LYH⁺16]. **Penalty** [LNR⁺09, LLT10]. **ACM** [Ano12b, Gus04b, Tit16]. **DDE** [ZSY⁺14]. **ERP** [AKS13]. **ISCB-Asia** [STHA15]. **K** [BCFCC13]. **mass** [CWZW15]. **Protein** [ED15]. **SMT-based** [KH14]. **Species** [DHC12]. **TBC** [ZC15]. **Peptide** [AKR12, IDD13, JXN⁺16, YMW⁺12, YHYY12]. **Peptides** [JKN⁺12]. **Percolation** [BMH⁺16]. **Percolator** [YMW⁺12]. **Perfect** [BBSP08, BBCP07, GG11, KS14, SM08, SDB⁺07, vIKKS08]. **Performance** [iAOSS16, BGS⁺12, BWRF12, CNM11, Dal16, HBH12, Maz12]. **Periodic** [AKMT12]. **periodicities** [MEOL14]. **Permeation** [KL11c]. **Permutation** [Gru11, TW10]. **Permutation-Based** [TW10]. **Personalized** [Ano12a]. **Perspective** [CM13, YHY13, SRLR14]. **Perturbation** [BDS12, HAH13]. **Petri** [CNM11]. **Phase** [BCL⁺13a]. **Phasing** [BZ08, GMP08, PVB⁺12, YXYC13]. **Phenomena** [MNND13, NNM⁺12a]. **Phenotype** [ABVD12, CSW11, ED15, WDX⁺15]. **Phenotype-dependent** [WDX⁺15]. **Phenotype-Specific** [ABVD12]. **phenotypes** [TWZ⁺14]. **Phenotypically** [QD12]. **PhiTM** [MPA15]. **Phosphorylation** [XTL12c]. **Phosphorylation** [CRP12, LWG⁺14, TAL⁺15]. **Phylogenetic** [BZ07, BG12, BS07, BGHM09, CRV09, CLRV09a, CLRV09b, CLRV09c, CW12, GH08a, GFJ13, GJS11, HvIKS11, HDKS04, Hus09, JS12, JNST09, KL11a, LFK16, LRM12, Mat09, MPKvH09, MNW⁺04, Mos07, Nak10, PAS⁺11, PB12b, RdMCBC13, Roc06, SNM08, SDB⁺07, SWH⁺12, SSS13b, WLMW⁺11, WBE13, Wil12, WMS09, ZM12, vIKK⁺09, DNR15, DS14, MW16, Nye14]. **Phylogenetics** [AR09, Gus09b, HMS09, TM11]. **Phylogeny** [BBSP08, BFM13, BM13, GG11, MR10, MS10, SM08, SLB⁺08, WYL07, vIKKS08, KS14]. **Physical** [BCL13b, GLS⁺16, WRH⁺09, KSA16]. **Physicochemical** [ADPH13]. **Piecewise** [RBdJ11, dJP08]. **Piecewise-Linear** [RBdJ11, dJP08]. **pipeline** [LHN⁺14, ZMP⁺14]. **Pipelines** [AL12, Jam13]. **PIT** [ZGDH16]. **plaid** [HM15]. **Planar** [GGH⁺13, SNM12]. **plant** [KKC⁺14, MZL15]. **Planted** [CW11, DBR07, Tan14]. **Plants** [DST15a, GF10]. **Platform** [HG16, GMCB14, LLCZ15]. **Platforms** [GLS⁺16]. **Plausible** [FHH⁺11, KP12]. **Plexus** [WKE11]. **Plots** [TSMMG⁺13]. **PLS** [TGGF10]. **Pockets** [RTA⁺16]. **Point** [BCF⁺07, CW09a, FGKH11, HC07]. **points** [PS15, SKK14]. **Poisson** [WZA07]. **Poisson-Based** [WZA07]. **Polarity** [GGH⁺13]. **Policies** [QD12]. **Polymer** [GZS12]. **polymorphisms** [GBLZ14]. **Polynomial** [Gra04, Pol11]. **Polynomial-Time** [Gra04]. **polytomy** [DS14]. **Pooling** [Kur13, MDM13]. **Pools** [GKPS11]. **Population** [LLX⁺11, LT07, SLH06b, TBRS11, LAI⁺14]. **Populations** [NGY⁺16, Wu10, Wu11]. **Position** [AH11, JLwC11, PRU11, RW07]. **Position-Specific** [AH11, JLwC11]. **positional** [KD16]. **Positions** [CGZ15, GZGX14]. **Positive** [UJ09]. **Positives** [HZTP12]. **Possibilistic** [SKD⁺07]. **Possible** [SLH06b]. **post** [TSM14]. **post-processing** [TSM14]. **Postcryopreservation** [NFM⁺12].

posteriori [CZWT15]. **Potent** [SYKS15]. **Potential** [AFAAW⁺¹¹, HKS11, SB12, KPB14, LLW⁺¹⁵]. **potential-based** [LLW⁺¹⁵]. **Potentials** [DZ11]. **Power** [ANR11, PBhL⁺¹¹, LWM14]. **power-law** [LWM14]. **Powerful** [AAP06, GDM12, IM14]. **PPI** [HC13, LCWZ13, LLW⁺¹⁵, OC13]. **pplacer** [LFK16]. **Practical** [DBR07, HLY⁺¹⁶, HvIKS11, PVB⁺¹²]. **Practice** [SDB⁺⁰⁷, BF14]. **PRBP** [MGXS15]. **pre** [TSM14, KTLM15]. **Pre-miRNAs** [KTLM15]. **pre-processing** [TSM14]. **Preclustering** [HF07]. **Precursor** [YHYY12]. **Predict** [TW10]. **Predictable** [UWLH15]. **Predicted** [Xu05]. **Predicting** [DZH16, DKDD10, EMDH11, FYSM12, GJPSV14, GLW12, HMK⁺⁰⁷, JJH12, Jia10, JM12, JHXP15, KTLM15, hLMBJ11, PLF12, QWC⁺¹⁶, RMV12, SBM15, TWZP14, TR07, WFD15, WMK16, WLL13, YRD⁺¹⁵, YFWZ16, ZGC⁺⁰⁵, ZZDW13, vBdRD⁺¹¹, BDBH15, GZGX14, XG14]. **Prediction** [AFAAW⁺¹¹, AL12, AM12, AAE11, BS10a, CSW11, CC07, CWL12, CM16, CGPW06, CYTY13, DPS⁺¹³, DFM⁺¹¹, DCVC11, FSDR16, FWA10, HZTP12, HYC12, HCLS11, HRdR09, IDD13, JBP08, JLwC11, JKN⁺¹², KCD⁺¹², Kar12a, KAP⁺¹², LSMF08, LQV⁺¹³, LLRZ15, LBQ⁺¹³, MGL⁺¹², MGXS15, MK16, MPM11, MSS13b, NZR11, OM07, PI09, QL09, QBPEL12, RP13, SMRP15, SSS13a, TW10, Val11, WL13b, WDH08, WHS04, WZ13a, XPXY11, YL12, YRD⁺¹³, ZD12, ZLY⁺¹³, ZWL11, ZL15, AJYT⁺¹⁵, AM15, BHW⁺¹⁴, CM15, FHRG14, HRHP16, SEC15, TYA15, WHZ14, YMT⁺¹⁴, YRD^{+14a}, YRD^{+14b}, YLH⁺¹⁵, ZHL⁺¹⁴]. **Predictions** [DPW12, KL11a]. **Predictive** [HW07, LLX⁺¹¹, AM15, CBN15]. **Predictor** [MGXS15]. **premature** [WDX⁺¹⁵]. **Preprocessing** [ICL11]. **PreProPath** [UWLH15]. **presence** [DYD15]. **Preserve** [BMM06]. **Preserves** [RBdJ11]. **Preserving** [ANR11, BMM08]. **Pressures** [CS15]. **Primer** [Che16, YCYC12]. **primers** [CFIS⁺¹⁵]. **Principal** [Han10, dCAR11, LLH⁺¹⁴, Nye14]. **Principle** [BGHM09, CCYW12, ZWL11]. **Prior** [TAAP11]. **Prioritization** [CM16]. **Prioritizing** [XPH12]. **priors** [ED14]. **Private** [GFG16]. **pro** [WFD15]. **pro-longevity** [WFD15]. **Probabilistic** [BTTR11, BCFCC13, CHL⁺¹², DHC12, ED15, HZZT14, JZL13, JFN11, KC11, LEAK11, MHKR12, MSS13b, NGY⁺¹⁶, TZY11, TDK13a, TDK13b, WPL15, ZK16, FHRG14, GTDK15, PJN⁺¹⁴]. **Probability** [INT11, CZWT15]. **Probe** [LEAK11, MSH⁺¹¹]. **Probes** [HKS11]. **Problem** [AP07, AKR12, BE08, BEW09, BS11, BMM08, BBK⁺⁰⁷, BS08, CLH13, CCA12, CC09, DPS⁺¹³, GGP08, GRH08, GB10, GG11, HYW08, IMA13, NNSZ07, PHX⁺⁰⁸, Pol12, SZ11, SM08, WKLL12, Wan16, YHY13, ZW13, KD15, ARZ⁺¹⁴, Tan14, YHV⁺¹⁵, HBC⁺¹¹]. **Problems** [BBSP08, BN06, CW11, FM11, LCC⁺¹¹, WBE13, vIKKS08, KS14]. **Procedure** [ICL11, MBS15]. **Procedures** [LGX10]. **Process** [CGZ15, GLS⁺¹⁶, RdlCGW09, RGCB05, TC13, YBGB10, PRZ⁺¹⁴]. **Processes** [AAF⁺¹³, ABVD12, NFM⁺¹², ZC11, HM15, MCH⁺¹⁵]. **Processing** [Dem12, GSK13, HCQ14, OLS⁺¹³, CFIS⁺¹⁵, MM14a, TSM14]. **Processor** [RA16, XLZ⁺¹⁵]. **Processors** [MTM⁺¹⁵]. **Prodrug** [MWD11]. **Produce** [DRS12]. **producing** [DR14]. **Product** [CP13, LTM⁺¹³, PKM06, SHS15]. **Profile** [HVG04, MGK08, TTWR13]. **Profile-Based** [TTWR13]. **profiler** [CA14]. **Profiles** [BGS⁺¹², CGPW06, HHYH07, IVA11, KCCC15, PKRD12, SSS13b, SB09, WPL15, YLY⁺¹², YOKI09, YCY⁺¹⁴].

Profiling [FSMJ05, HCA⁺10]. **Profitable** [UWLH15]. **Prognosis** [SZLL11]. **Programming** [BBK⁺07, BH06, CLH13, CSSS16, CLR10, HT09, MIC⁺07, OC13, PI09, SLB⁺08, WYL07, WCL11, LV14]. **Progression** [CSSS16, PSS09]. **Progressive** [GRH08, HVG04]. **Projection** [RLV04]. **prokaryotes** [MBS15]. **proline** [AJYT⁺15, YMT⁺14]. **promising** [WLG⁺14]. **Promoter** [CFOS06, FLW12, ZZCY10, HPH⁺15]. **promoter-RBS** [PHP⁺15]. **Proof** [HS08, Roc06]. **propagating** [PRZ⁺14]. **Propagation** [HM13, GBLZ14]. **Properties** [AGGM11, DGY05, NRV09, RBdJ11, TR13, WLL13]. **property** [KG15]. **property-driven** [KG15]. **Proposal** [Pre04]. **Prosthetics** [XLZ⁺15]. **Protease** [AFAAW⁺11]. **Protein** [ASJ⁺07, AC12, AM12, ADPH13, AAE11, BCS11, BSV10, BTYC13, BM12, BVN⁺11, BNV⁺13, Bro05, CCA12, CLST⁺13, CC07, CWL12, CDKT09, CGPW06, DLT10, DKCM12, DZA⁺06, DPS⁺13, DCVC11, ECK16, FSDR16, FJJ11, FWA10, GBS11, HBRU13, HLV⁺10, HYY11, HCLS11, HC13, HMK⁺07, mHB13, HRdR09, IDD13, JJH12, JLwC11, JLYZ16, JM12, KAHK⁺10, KAP⁺12, LS10, LDS⁺07, LRM08, LLH⁺07, LBL12a, hLMBJ11, LLW10, LLZ⁺13, LGB15, MGK08, Mam05, MK16, MMB⁺13, MCCZC08, MKH11, MCDD12, MPM11, MSS13b, MDM13, NZR11, ORCJ13, OM07, OYDZ15, PLF12, PR12, Pol11, Pol12, Pol13, PSN⁺15, Roc11, dSRCT⁺11, RSP08, RGN⁺09, SZ11, SYM⁺10, SN12, SH11b, Shi10, SBM15, Str11, SSFW12, TRBK08, TRBK09, Tsa12, VMD⁺08, WLYZ⁺09, WLCP11, WSX11, WLMW⁺11, WL13b, WP08, WHKK07, WAK13, WLL13, WLPW16, WZ13b, XPXY11, XTL12c, YHYY12]. **Protein** [YHY13, YDM⁺08, YRD⁺13, YRD⁺14a, YRD⁺14b, YFWZ16, ZD12, ZLY⁺12, ZDL12, ZLY⁺13, ZZDY13, ZZDW13, AM15, BDBH15, BF14, CWZW15, CR14, CM15, CXS15, DPL⁺14, DC15, GJPSV14, GÁVRR15, HLW15, KGK14, KD15, LMZ14, LHWL15, NYOL15, PSK⁺15, PWZW15, PWC⁺15, SCC⁺15, SEC15, TYA15, TAL⁺15, WL14, WHZ14, XG14, YTLL15, YLH⁺15, YRD⁺15, ZMT14, ZZ15, ZWL⁺14b, ZMC⁺14, WSTL⁺15]. **Protein-Binding** [ZZDY13]. **Protein-DNA** [ASJ⁺07, CLST⁺13]. **Protein-Ligand** [AM12, WLL13]. **Protein-Peptide** [YHYY12]. **Protein-Protein** [AC12, ADPH13, BCS11, BSV10, BVN⁺11, BNV⁺13, ECK16, FSDR16, HLV⁺10, HMK⁺07, JLYZ16, KAHK⁺10, Mam05, MDM13, OYDZ15, PR12, SBM15, Tsa12, ZLY⁺12, ZDL12, ZLY⁺13, ZZDW13]. **protein-to-protein** [XG14]. **Proteins** [GAR⁺09, HCA⁺10, HLG10, LCWZ13, MGL⁺12, MGXS15, NLGG12, QWC⁺16, SP11, SSS⁺11, TR07, WMK16, WBP⁺12, WLWP12, WKE11, WZ13a, ZZDY13, ZBFK10, DGRC15, GJK15, LLW⁺15, PWC⁺15, TWZP14]. **Proteomic** [MCC16]. **Proteomics** [PH10a]. **prototype** [EES14]. **Protozoan** [GAR⁺09]. **Proximity** [JCF13]. **Pseudo** [NLGG12]. **Pseudoknot** [CC11]. **Pseudoknots** [Jia10, MWL⁺12, RAA10, WHS04, WCLY12]. **PSO** [SSS⁺11, MM14b, ZWL⁺12]. **PSO-based** [MM14b]. **Psychologically** [TNQ08]. **Publishing** [Ano13e]. **Pull** [GZS12]. **Pure** [BVD⁺10, BH06, HVG04, ICL11]. **purification** [CWZW15]. **purification/mass** [CWZW15]. **Putative** [CAN⁺08, YCCM12]. **QSAR** [WB11]. **quadratic** [RB14]. **Quadruplexes** [LBQ⁺13]. **quadrupole** [CZB⁺16]. **Qualitative** [BDS12, INT11]. **Quality** [ANR11, BZ10, WLG⁺14]. **quantification** [LCOMG14]. **Quantifying**

- [FLW⁺14, GF10, ZLH12]. **Quantitative** [AAF⁺13, BCMW15, BMZM15, CMC⁺12, FYSM12, IDD13, MVS⁺13, PLMV12, TRKRC13, RTWR15]. **Quantum** [Kar12b]. **Quartet** [BLJ12, WYL07]. **Quartet-Based** [WYL07]. **Quartets** [GSB⁺13, SR10]. **Quasi** [Kar12a, LLW10, MMB⁺13]. **Quasi-Bicliques** [LLW10, MMB⁺13]. **Quasi-Supervised** [Kar12a]. **queries** [SVM14]. **Query** [HHSC13, PHX⁺08]. **Query-Based** [HHSC13]. **Querying** [BSV10, FPPR11, MCC16]. **QuickVina** [HOS⁺12a, HOS⁺12b]. **Quorum** [Kar12b].
- r** [SIM12, BBH12, VPB15]. **R-based** [VPB15]. **R5** [LSMF08]. **R5X4** [LSMF08]. **Radial** [DM09]. **radiation** [SDAA⁺14]. **Rafts** [HBRU13]. **Random** [CMSE⁺15, CSK⁺11, Gru11, HBC⁺11, MGXS15, PGHT12, RW07, WL13b, CWZW15, DGRC15, GGZZ14, SHK14, SPWF14, YLH⁺15]. **Randomized** [AJYT⁺15]. **Range** [HYW08, MK16, SSKH15]. **RANGI** [RSJK13]. **Rank** [CDB⁺16, SFH⁺14]. **Ranked** [DRS12, DR14]. **Ranking** [AM12, DLT10, EFLA08, L JL⁺15, LGX10, RMV12, RV13, SPMB13, Tsa12, ZLZ06, ZWSX12]. **Rapid** [XLC⁺15]. **rare** [LLH⁺14]. **Rate** [AGMP09, GGP08, HLM⁺13, JS12, LKY⁺11, SS04, YAB13, ZMT13, CWDS15, ZMT14]. **Rates** [EW04, HB11, GJY⁺14]. **Rates-across-Sites** [EW04]. **Ratio** [SBW15]. **Ray** [Str11]. **RBioCloud** [VPB15]. **RBS** [HPH⁺15]. **RDCurve** [LGX10]. **Reachability** [GTDK15, Gos11]. **Reaction** [HLM⁺13, HM13, VSR⁺06, SYV14]. **Reactions** [BCFCC13, DB14, XLC⁺15]. **Reactive** [GLS⁺16]. **Read** [MTM⁺15, TED⁺12, TC16, CWLZ14, FSL⁺15]. **Readable** [HLG10]. **Reading** [GGP08]. **Reads** [PS11, FSL⁺15]. **Real** [HG16]. **Real-Time** [HG16]. **Rearrangement** [BMM06, BFM13, CZF⁺05, FM11, MMS10, MS10, ZZS07]. **Rearrangement-Based** [BFM13]. **Rearrangements** [BG05, FM13, BS15]. **Reasoning** [BDS12]. **Reassortment** [BJ10, BPJ12]. **RecA** [SB12]. **Recalibration** [BM08]. **Receiver** [WLA⁺13]. **Receptor** [HBRU13, STT⁺14]. **receptor-ligand** [STT⁺14]. **Recipe** [LLX⁺11]. **Reciprocal** [QLLX10]. **Recognition** [ASJ⁺07, FLW12, TGLP16, Xu05, ZZCY10, DPL⁺14, HK15, MNA14]. **Recombinant** [Wu11]. **Recombination** [BB04, NNSZ07, GJY⁺14]. **Recombinations** [PBJ12]. **Reconciliation** [GET13, WHBM15, ZZ14]. **Reconciliations** [DHC12]. **Reconciling** [Wil09]. **Reconstruct** [AJD⁺12]. **Reconstructibility** [MNW⁺04]. **Reconstructing** [CW09b, HMW⁺12, HvIKS11, KP12, NNSZ07, SW09, TBRS11]. **Reconstruction** [BM13, CDB⁺16, CH11, CXW⁺13, HAK⁺12, LHH13, LLZ⁺13, Roc06, SDB⁺07, Str11, VMD⁺08, WYL07, CXS15, HZT14]. **record** [Jam15]. **Rectangular** [GZS12]. **Recurrence** [SMRP15]. **Recurrent** [CC07, HB05, XL16, XWF07]. **Recursive** [LHY⁺11, MT11]. **redesign** [STT⁺14]. **Reduced** [BPP⁺13, CLRV09c, HZTP12, Nak10, PB12a, SSS⁺11]. **Reduced-Order** [PB12a]. **Reduction** [BHMA06, LRM08, RBdJ11, ST05, SCCDK09]. **Reduction-Based** [ST05]. **Redundancy** [LLC⁺13, WSX11]. **redundant** [MM14b]. **Reference** [PS11]. **Referential** [WL13a]. **Refinement** [LCLL10]. **Refinements** [BvdGK⁺11]. **Refining** [WMS09, ZM12]. **Reformulated** [GLS⁺16, SPMB13]. **Region** [MYCW12, OLS⁺13, GBTL14]. **Regions** [BTYC13, CAN⁺08, HHSC13, MK16, MCCZC08, PWT10, TWG⁺12, YNWC07, ZKP⁺07]. **RegNetC** [NCMCAR15]. **Regression** [AGGM11, BTTR11, CSK⁺11, EMDH11, FYSM12, QL09, ST05, SZLL11,

TGGF10, WP08, YLH⁺15]. **Regular** [SNM12, Wil11]. **Regularization** [ZYW⁺13, JHXP15]. **Regularized** [TGGF10, ZDL12, CR14, Mir14]. **Regulating** [MVW⁺13]. **Regulation** [BCL⁺13a, DBTB09, Gou06, KCCC15, PAAG07, WMWA12, KD16]. **Regulations** [LCZN16]. **Regulators** [HL16]. **Regulatory** [BMK11, BGS⁺12, CDB⁺16, CXW⁺13, EAS13, FSD⁺11, GHL05, HL16, HLY⁺16, INT11, LL11, LCZN16, LT07, MTSCO10, NRV09, NI07, NSNN12, PB12a, QD12, RC11, RST10, RRTB12, RMS15, SV16, TAAP11, VRK12, WLL⁺09, XWF07, YCCM12, ZM12, ZWZ16, ZSD08, dJP08, CZWT15, DYD15, GGZZ14, KKC⁺14, LLL16, MM14a, RHH16, ZWC15]. **Regulon** [OMAdG⁺12]. **Reject** [QBPEL12]. **Rejection** [YBGB10]. **Related** [AC12, JZSZ12, MYCW12, MFS⁺15, SFH⁺14, Tah14]. **Relational** [RBdIVMPG16, SKD⁺07, GJPSV14]. **Relations** [HL16, HK15]. **Relationships** [LHH13, LNC⁺05, YPS11, GJPSV14, LKLB14]. **Relativity** [CLH⁺15]. **Relaxation** [AKR12]. **Relaxed** [ZGDH16]. **Relevance** [MBGP12, BCLC15, LHWL15]. **Relevant** [AGGM11, KTLM15, SDN⁺11, ZOZ10]. **Reliability** [LEAK11]. **Reliable** [GJY⁺14, SDAA⁺14]. **Remodeling** [PLMV12]. **Remote** [LGB15, DGRC15]. **Removal** [HCLS11]. **Removing** [WSX11, ZZS07]. **RENNSH** [MRB12]. **Repairing** [CDB⁺16]. **Repeat** [KVX12, ZKP⁺07]. **Repeated** [PCGS05]. **Repeats** [CW09b, SS06a, TDA⁺09]. **Replicated** [LLHF15, SVZ09, SGK12, ZAZ11]. **replicates** [PJN⁺14]. **replication** [RB14, SSML15]. **Repositioning** [RV13]. **Representation** [CL08, JLH16, LW13b, SSDN12, ZLW⁺11, ZZN⁺11a, SXL⁺14]. **Representative** [IMA13]. **Represented** [SSS⁺11]. **representing** [KGK14]. **Reproducibility** [EFLA08]. **Reproducibility-Optimized** [EFLA08]. **requirement** [DNR15]. **Reranking** [YHYY12]. **Resampling** [LLHF15]. **Rescue** [DSZ⁺06]. **rescuing** [FSL⁺15]. **Research** [BPRZ11, CZ12, MPZ07, MPZ08, MPSZ09, MWZ13, MNPZ10, MSS⁺13a, CEG14, SVM14]. **Reserve** [BS08]. **Residue** [CD08, GBLZ14, MGXS15, MZS⁺16, TRBK08, TRBK09]. **Residue-specific** [GBLZ14]. **Residues** [CWL12, CDKT09, GLW12, LBL12b, MGL⁺12, WZ13a, FLW⁺14]. **Resistant** [MWD11, FN14]. **Resists** [RKDR10]. **Resolution** [DPW12, HCLS11, LDS⁺07, MRB12, CV14]. **Resonance** [WL07, CZB⁺16]. **Respect** [RV13]. **Response** [BMH⁺16, CRP12, GBB⁺11, RBdJ11, SdOC⁺12, SSD⁺16, TC13, GCC⁺14, HPH⁺15, MZL15]. **Responses** [KG12, TWZ⁺14]. **ResSeq** [FSL⁺15]. **restricted** [SHK14]. **Resulting** [SSS⁺11]. **Results** [JNST09]. **Reticulate** [CW12]. **Retrieval** [SK12, CWDS15]. **Retrieving** [MCDD12]. **Retroviral** [AD12]. **Reusable** [HT09]. **Reveal** [QTZ15, WL14]. **revealing** [MEOL14]. **Reveals** [YCCM12]. **Reversal** [BMM08, MMS10]. **Reversals** [BBCP07, BMM06, BSST08, DST07, Wan16]. **Reverse** [BGS⁺12, INT11, RPB⁺13, SdOC⁺12, SYKS15, TSM14]. **reverse-complement** [TSM14]. **Reverse-Engineering** [INT11]. **Reversible** [GZS12]. **Review** [CSK⁺11, SGH12, KSM14]. **Reviewer** [Ano10a, Xu14b]. **Reviewers** [Ano06a, Ano08b, Ano09a, Ano13a, KL11b, IEE05, IEE07, XTL12b, Ano16]. **Revisited** [DCVC11, Pre04]. **RFE** [TZH07]. **RFLP** [Che16, YCYC12]. **Ribosome** [MT12b, MT12a, RZMT15, ZMT13, ZMT14]. **Rich** [YSC13]. **Ring** [RZMT15]. **risk** [LLRZ15]. **RLIMS** [TAL⁺15]. **RLIMS-P**

- [TAL⁺15]. **RMSD** [WS08]. **RNA** [AS05, ABH⁺14, BDD⁺10, DBZ12, FSB⁺11, GzS11, HSTW06, HVG04, HS15, Jia10, LQV⁺13, LHTT11, LTaS13, LHN⁺14, LXG⁺16, LBQ⁺13, MGXS15, MIC⁺07, Mne09, NA11, RAA10, RP13, Smi09, TW10, WS12, WDH08, WHS04, ZHEB05]. **RNA-Binding** [MGXS15]. **RNA-Seq** [LXG⁺16, WS12, LHN⁺14]. **RNAi** [OC13]. **RnaPredict** [WDH08]. **RNAs** [SLW15, WCLY12]. **Robinson** [CLRV09a, CBF12]. **Robust** [GLG10, SZ11, SGK12, TGD⁺16, VRK12, WZJH12, YM11, MMSH14, RHH16, SXL⁺14]. **Robustness** [TC13, Wi09, MG14]. **ROC** [Dal16]. **ROC-Based** [Dal16]. **Role** [HBRU13]. **Root** [MVW⁺13]. **Rooted** [GJS11, Hus09, SR06]. **Rosette** [DST15a]. **Rough** [MP13, MZL15]. **Rough-Fuzzy** [MP13]. **RPCA** [LXZ⁺15]. **RPCA-based** [LXZ⁺15]. **rRNA** [LW13a]. **RS** [SHK14]. **Rule** [DMD13, HLG10, MC07, Val11, TAL⁺15, WSTL⁺15]. **rule-based** [TAL⁺15]. **Rules** [AMGC16, GBB⁺11, NZR11, PAAG07, SDN⁺11, YL12]. **Run** [QD12].
- S** [LWZ12]. **S-System** [LWZ12]. **S2** [BCM15]. **Sample** [BB04, HC07, PH10a, PH10b, SLH06b, YHB12, GRDV14]. **Sampled** [CSSS16]. **Samples** [ZLZ06, RHK14, XLWL15]. **Sampling** [BO12, MMS10, MSS13b, SN12, TGLP16, TRBK09, SHK14]. **Sampling-Based** [TGLP16]. **Sapiens** [LUdSCH10]. **SARNA** [TW10]. **SARNA-Predict** [TW10]. **SAT** [DT11]. **SAT-Based** [DT11]. **satisfying** [TSM14]. **Saturation** [ACP10]. **SBML** [CPQ08]. **Scaffold** [JZSZ12, LJZZ13]. **Scalable** [BZ08, GMP08, SDAA⁺14]. **Scale** [ALR⁺13, DSHM08, DWSB11, GHL05, HAK⁺12, JGBR15, JLYZ16, LFK16, MPA15, OC13, QBPEL12, TBR13, YLL⁺06, IM14, SHK14]. **Scale-Space-Based** [YLL⁺06]. **Scaled** [AC12]. **scaling** [AMBK14]. **Schafer** [RGI13]. **Scheme** [PPM⁺13, SSS13b]. **Schemes** [KK08, LRM08, OM07, ZWL14a]. **science** [IM14]. **SCJ** [FM11]. **SCOP** [AV12]. **scope** [HWK14]. **Score** [JNST09, Roc11, Tsa12, L JL⁺14]. **Scores** [CLST⁺13]. **Scoring** [AM12, Cs04, GZF15, JLwC11, KK08, PSN⁺15, AM15, OFC⁺14, RB14]. **Screening** [HF07, UJ09, GCC⁺14, KKC⁺14]. **SCS** [FLW12, ZZCY10]. **SDE** [MCH⁺15]. **SDMF** [SB16]. **Search** [AKS13, BG05, Bro05, CCA12, CBF12, DBR07, FLM⁺16, LFS06, LTaS13, MSS13b, MWSM12, NI07, PG12, SZ11, SS04, Smi09, SB09, Zha07, dJP08, CM15, DGRC15, KFHK14, LMZ14, SHK14, SSKH15, Tan14, YHV⁺15]. **Searches** [BEW09, CW07, CWDS15]. **Searching** [DWZ⁺15, KP12, MWL⁺12, RBdI VMPG16, TZY11, ZHEB05]. **second** [BCM15]. **Secondary** [AS05, AL12, CC07, CGPW06, HVG04, Jia10, KAP⁺12, LBQ⁺13, NA11, NZR11, RP13, TW10, WDH08, WHS04, ARZ⁺14, SEC15]. **Secreted** [SSS⁺11]. **Secretary** [DADF⁺10]. **Section** [BPRZ11, Cas07, CZ12, FS12, FS13a, GH08b, Gus09b, GM16, HBG16, HMS09, KJ04, KJ05, MPZ07, MPZ08, MPSZ09, MWZ13, MNPZ10, RZF07, ZC15, dSK13, CEG14, LW15, MKARB16, PR14, SA15, XHS15]. **Security** [AIS⁺16, KSA16, MKARB16]. **Seed** [HAH13]. **Seeded** [LPR⁺08]. **Seeds** [Bro05, RGN⁺09, TC16, Zha07]. **Seeks** [Ano12b]. **SeeSite** [LKLB14]. **SEGA** [MKH11]. **Segment** [Cs04]. **Segmental** [CGPW06, FM12]. **Segmentation** [ALR⁺13, PWT10, DPL⁺14]. **segmentation-based** [DPL⁺14]. **Segmentation-Free** [ALR⁺13]. **Segmented** [BJ10]. **segments** [NYOL15]. **Select** [LLZC12, WB11]. **Selected** [HCQ14, LC10, AS15]. **Selecting** [HKS11, KTLM15, LLC⁺15]. **Selection**

[ASI⁺11, ACWW05, ACWW07, BHHMCL16, Bon07, BS08, BCL13b, FYSM12, HC07, LTM⁺12, LH10, LLC⁺13, LPH⁺13, LSB⁺11, LHY⁺11, MT11, MBF⁺11, NO09, OLZ11, PGHT12, PBhL⁺11, RM13, SMRP15, SIM12, SZLL11, TZH07, WSX11, WL13b, YM11, YHB12, ZWY⁺10, BCLC15, HRHP16, HLW15, LLRZ15, LJL⁺14, MZL15, MMSH14, WFD15, YCY⁺14]. **Self** [CMC⁺12, GF10, WZA07, WMWA12, YWK⁺07, YMW⁺12]. **Self-Adaptive** [YWK⁺07]. **Self-Assembly** [CMC⁺12]. **Self-Boosted** [YMW⁺12]. **Self-Nestedness** [GF10]. **Self-Organizing** [WZA07]. **Self-Regulation** [WMWA12]. **Semantic** [CLH⁺15, DKDD10, GM16, JZL13, MCC16, SSP⁺05, YFWZ16, HK15, JC15, SLS⁺14]. **Semantic-Based** [GM16]. **semantically** [Tah14]. **Semantics** [GzS11, HS09b]. **Semi** [HF12, JM12, KL11c, YCY⁺14]. **Semi-Markov** [KL11c]. **Semi-Supervised** [HF12, JM12, YCY⁺14]. **Semiglobal** [MKH11]. **Semisupervised** [FSMJ05, KC11, LHLY11, LTL⁺07, XAW07]. **Sensing** [Kar12b, MDM13, GFG16]. **Sensitive** [HB11, Wan12, WZ13a, LJL⁺14]. **sensitivities** [SYV14]. **sensitivity** [BHW⁺14]. **Separability** [MT11, UC10]. **Separable** [LWZ12]. **Separated** [Pol13]. **seq** [LHN⁺14, LXG⁺16, WS12, ZGDH16]. **SeqDB** [How13]. **Sequence** [AH11, AGMP09, BAK06, CCYW12, CLW13, CWLS15, CGPW06, DSZ⁺06, DK13, HB05, HZTP12, HT09, HPL⁺13, HLG10, IGM⁺07, JL10, KCD⁺12, KK08, Kuk13, KMG⁺05, cLWA07, MWL⁺12, MGL⁺12, NNSZ07, NP13, NSZK15, PLF12, PS11, PT09, RW07, dSRCT⁺11, SLH⁺06a, WLMW⁺11, WZ13a, YH13, CV14, GJPSV14, MBS15, PSK⁺15, STT⁺14, SPWF14, YTLL15]. **Sequence-Based** [MGL⁺12, WZ13a]. **sequence-independent** [PSK⁺15]. **Sequence-Specific** [AH11]. **Sequences** [Bi09, CW07, CFOS06, CWLS15, CAN⁺08, FM12, HLH11, Kar12a, KWL07, KC11, KT07, LLW⁺11, MIC⁺07, RH05, RLV04, RA16, SLH06b, TED⁺12, WL13a, WKLL12, Wan12, Wu11, CR14, DKS⁺15, GÁVRRL15, LZGZ14, WL14, YICW⁺15]. **Sequencing** [AKR12, CH11, FS13b, HG16, KSS15, Kur13, OLS⁺13, Pre04, WPL15, FSL⁺15, WLC⁺15, XZY⁺14]. **Sequencing-by-Hybridization** [Pre04]. **Sequential** [KCZ⁺15, WL07, YLL⁺06]. **Serial** [WZA07]. **Series** [BMK11, EAS13, HAH13, KSB12, KMG⁺05, LLL15, MTSCO10, PH10b, RMS15, SC11, WLL⁺09, WGP11]. **Serum** [RTA⁺16]. **Server** [LBL⁺10]. **Set** [AFAAW⁺11, BSV10, DRS12, FLAM15, HYY11, HMK⁺07, NLGG12, WYL07, XLZ⁺15, YSC13, BM15, DB14, MZL15, WLG⁺14]. **Sets** [AJD⁺12, BMHS13, BNV⁺13, Csu04, GLG10, HS08, HC07, KNS⁺05, KBSCZ12, OMWX09, PAS⁺11, Pol13, RBdIVMPG16, RGCB05, SSS⁺11, SMK⁺12, UC10, YC08]. **Several** [FM11]. **Shannon** [DGH⁺06]. **Shape** [ADPH11, ADPH13, DZA⁺06, GAGM11, Mat07, Str11]. **Shape-Structure** [DZA⁺06]. **Shaped** [BG13]. **Share** [LBL12b]. **Sharing** [NGY⁺16]. **Shaving** [GLG10, SDCW11]. **Sheet** [AAE11]. **Shifting** [AMBK14]. **Shifting-and-scaling** [AMBK14]. **Shock** [CRP12]. **Shoot** [TRKRC13]. **Shorelines** [vIKKS08]. **Short** [JL10, LEAK11, MTM⁺15, Roc06, SC11, TR07, TED⁺12, WLL⁺09, FSL⁺15]. **Short-Read** [TED⁺12, FSL⁺15]. **Short-Term** [TR07]. **shortest** [ARZ⁺14]. **Shotgun** [ZKP⁺07]. **Show** [SYKS15]. **Shrinkage** [MRS09, WDS⁺12]. **Side** [AD12, LBL12b, GBLZ14]. **Side-Chain** [LBL12b, GBLZ14]. **Signal** [BZ10, FLW12, HCQ14, Kar12b, WPL15, ZZCY10, SB16]. **Signaling** [AJD⁺12, ED15, FKLS07, HAK⁺12, LLZ⁺13, OC13, YOGY11, ZZ13, CXS15, LP15]. **Signals** [HLH11, RH05, MEOL14].

- Signature** [SMRP15, KGF⁺14].
Signatures [DST15a]. **Signed** [Gru11, OYDZ15]. **Significance** [AH11, WS12, ZLZ06, FLW⁺14].
Significant [PRU11, YNWC07, Tah14].
Significantly [AAP06]. **Silico** [DMD13, PG12, SYKS15]. **SimBioNeT** [DFTC12]. **Similar** [AFJ12, LBL12b, MP13, WL13a].
Similarities [CWLS15, VSKJ11].
Similarity [CC11, CLW13, HC14b, KPW13, PKM06, RBdIVMGP16, SSP⁺05, WLYZ⁺09, BM14, CM15, JC15, KFHK14, LMZ14, SLS⁺14, YTLL15]. **Simple** [GDM12, MWL⁺12, PK13, GJPSV14, IM14].
Simpler [CMS12]. **Simplification** [WZ13b].
Simplified [BBK⁺07]. **Simplifies** [FM11].
Simulated [TW10]. **Simulating** [SH11a].
Simulation [CP13, CHC⁺05, GLS⁺16, JGBR15, MS11, MBGP12, ADTAQ16].
Simulations [CNM11, Dem12, RTA⁺16, KD16].
Simulator [DFTC12]. **Simultaneous** [CDW12, THL11]. **SINE** [AD12]. **Single** [ABS15, BFM13, CSSS16, GGP08, Gou06, XWC15, SXL⁺14]. **Single-Cell** [CSSS16].
Single-Cut-or-Join [BFM13]. **singleton** [KH14]. **Singular** [XL16, YWK⁺07].
siRNA [QL09]. **Site** [KCD⁺12, KL11a, WLL13]. **Sites** [EW04, GLW12, Kar12a, PLF12, QWC⁺16, SBM15, WHKK07, WPL15, Wu10, PSK⁺15, RB14].
Size [RRTB12]. **Skeletonization** [ALR⁺13].
SLIDER [BVN⁺11]. **Sliding** [dSRCT⁺11].
Slowly [MMS10]. **Small** [AFAAW⁺11, HC07, LYK07, NNSZ07].
Smallest [GJS11]. **Smoldyn** [Dem12].
Smolign [SSFW12]. **smoothed** [MEOL14].
SNP [CSK⁺11, Che16, DWZ⁺15, FYSM12, GGP08, LLC⁺15, Wu11, XZY⁺14, YCYC12, YLCC13]. **SNPs** [LLC⁺13, LLZC12]. **Soft** [MDH11, RP13, FHRG14]. **Software** [Ano13b, Ano13c, CM15, GSK13, XHS15].
sofware [Ano13d]. **Solid** [KHP12].
Solution [BSST08, HLM⁺13, LV14, XLC⁺15].
Solutions [BLJ12]. **Solving** [BMM08, ARZ⁺14, PHX⁺08, TGP⁺15].
Somatic [KCZ⁺15]. **Some** [BvdGK⁺11].
Sorting [BBCP07, BSST08, BS15, EH06, MR10, QLLX10, Wan16, ZZ14]. **sound** [BCMW15]. **Sources** [JSA08]. **SP** [ADPH13]. **SP-Dock** [ADPH13]. **spa** [AKNB07]. **Space** [AKS13, BPV⁺11, BSST08, DKCM12, DHC12, GLS⁺16, Nak10, NSNN12, OP11, YLL⁺06, LHS16, SHK14].
space-efficient [LHS16]. **Spaced** [Zha07, LMZ14]. **Spaces** [DSZ⁺06, YDM⁺08]. **Sparse** [BBH12, CDB⁺16, Che10, FYSM12, JFN11, KSN⁺12, LLT10, LXG⁺16, SdOC⁺12, XL16, YCCM12, ZDL12, ZZN⁺11a, SXL⁺14].
Sparsity [NSNN12, MMSH14].
sparsity-inducing [MMSH14]. **Spatial** [JL10, LUdSCH10, LCOMG14, SSFW12].
spatially [ZMC⁺14]. **Spatio** [SDA⁺06].
Spatio-Temporal [SDA⁺06]. **Special** [Ano09c, Ano12a, Ano13d, Ano13b, Ano13c, BPRZ11, Cas06, CZ12, FS12, FS13a, GH08b, Gus09b, GM16, HBG16, HMS09, KJ04, KJ05, MPZ08, MPSZ09, MWZ13, MNPZ10, WH11, ZC15, dSK13, CEG14, LW15, MKARB16, PR14, SA15, XHS15, Ano05b, Cas07, LNY05b, LNY05a, MPZ07, RZF07].
Species [DRS12, VRJ⁺10, Zha11, DR14, HWK14].
Species-Based [VRJ⁺10]. **Specific** [AH11, ABVD12, CSS11, JLwC11, XLZ⁺15, GBLZ14, MZS⁺16, MEOL14]. **Specified** [ZWL11]. **Spectra** [BM08, BKR11, OG11, ZGC⁺05, ZGB⁺12, DST⁺15b]. **Spectral** [FLAM15, SSDN12, SH11b, YLY⁺12, ZYW⁺13]. **Spectrometry** [ASI⁺11, HYY11, KSS15, PH10a, SN12, YMW⁺12, ZLW⁺11, CWZW15, KGF⁺14, SHK14].
Spectrometry-Based [SN12].
spectroscopy [CZB⁺16]. **Spectrum** [KSS15, Pre04]. **Speed** [BE08, TC16].

- Speed-Up** [BE08]. **SpeedHap** [GGP08].
Splice [KCD⁺12, LKLB14]. **splicing** [LKLB14]. **Spline** [ZXB11, ZSY⁺14]. **Split** [BG12, MPKvH09, PB12b, SNM08, SNM12, BCMW15]. **Splits** [DH04]. **Spots** [SP11].
SPR [CCLJ13]. **Spreadsheet** [VSR⁺06].
Spurious [ZZDW13]. **Squared** [CD08].
Squares [FYSM12, LN13, MBS15].
Stability
[CXW⁺13, HLG10, LFK16, LGX10, MT12b, ZLH12, ZWZ16, ZL15, ZWC15].
Stability-Based [CXW⁺13]. **Stable** [SMRP15, Wig15, YHB12]. **Stacking** [SSD⁺16]. **Stage** [HHYH07, TZH07].
Staphylococcus [AKNB07]. **Start** [IGM⁺07]. **Starvation** [RBdJ11]. **State** [Gus05, Gus06b, Gus07c, HLM⁺13, MT12a, NSNN12, SH11a, SBRK11, ZMT13, ZWL⁺12, EES14, Gu16, SYV14].
State-Space [NSNN12]. **States** [PPM⁺13, dJP08]. **Static** [GBJ08].
Statistic [EFLA08]. **Statistical** [AH11, AGMP09, CW09a, CBN15, DADF⁺10, HSTW06, KSN⁺12, RSP08, YOGY11, BMM14, WSTL⁺15, XLC⁺15].
Statistically [YNWC07]. **Statistics** [HCQ14, Mat07, NU06, SBW15]. **Steady** [HLM⁺13, MT12a, PPM⁺13, SBRK11, ZMT13, dJP08, SYV14]. **Steady-State** [HLM⁺13, MT12a, ZMT13, SYV14].
Steering [PPM⁺13]. **Stem**
[GBTW16, GBTL14, YHV⁺15]. **Step** [PBhL⁺11]. **Stochastic**
[CP13, GzS11, KG12, MS11, NA11, SS04, DGRC15, MCH⁺15]. **Storage** [SK12].
Strand [JBP08]. **Strategies** [CMC⁺12, HLY⁺16, OMAdG⁺12, VRJ⁺10, YNWC07].
Strategy [BPP⁺13, Bon07, SSS13a, TZH07].
stress [MZL15]. **String** [CW11, Kuk13].
Strings [BO12]. **Structural** [AV12, BM12, DPS⁺13, GF10, HZTP12, LCTS08, LDS⁺07, MCD⁺11, NRV09, SSFW12, VSKJ11, WHKK07, WCLY12, YB08, DGRC15, DPL⁺14, DC15, GZGX14, LP15, YLH⁺15].
Structure [AS05, AL12, BTYC13, BKR11, BM12, CCA12, CC07, CC11, CHL⁺12, CLW13, CDKT09, CGPW06, DZA⁺06, DBZ12, DCVC11, ED15, FLW12, FSDR16, FSB⁺11, HS09a, HVG04, HCLS11, KAP⁺12, LQV⁺13, LBL12a, LBQ⁺13, MKH11, MSS13b, NA11, NZR11, ORCJ13, Pol11, Pol12, Pol13, QTZ15, RP13, SH11b, SLH⁺06a, SK12, TW10, WS08, WSX11, WDH08, WAK13, ZZCY10, HS15, LAI⁺14, ARZ⁺14, PWZW15, SEC15, Vog15].
Structure-Based
[CCA12, DBZ12, MKH11].
Structure-Sequence [SLH⁺06a].
Structured
[CFOS06, GSK13, TBKH05, MMSH14].
Structures
[AJD⁺12, BDD⁺10, Jia10, MCDD12, Mne09, Ozy12, Shi10, VMD⁺08, WLYZ⁺09, WHS04, ABH⁺14, NYOL15, ZMC⁺14]. **Studies**
[EFLA08, IYA12, LEAK11, LRM08, LLZC12, RGI13, SYKS15, WYY⁺13].
Study [AVD⁺12, CSSS16, KAP⁺12, LNC⁺05, OMAdG⁺12, SCCDK09, SKK14, WB11, WLPW16, WLA⁺13, ZBFK10, BMM14, LCOMG14, TWZ⁺14]. **Studying**
[HBRU13, LHTT11]. **Subcellular**
[hLMBJ11, MGK08, OM07, QWC⁺16, TR07, WL13b, XPXY11, YL12]. **subclones** [XLWL15]. **Subdivided** [Wu10]. **Subgraph** [ZLY⁺12]. **Submodels** [JS12].
Subsequence [BVD⁺07]. **Subset**
[MT11, RGN⁺09]. **subsets** [SQZA14].
Subspace [SY09, AJYT⁺15]. **Substitution** [AH11, DFM⁺11]. **Substitutions** [SGC07].
Substring [CW11]. **Substructure**
[TBRS11]. **Subtilis** [NPBD16, SSDN12].
Subtree [BN06]. **Subtrees** [SCPS12].
Subtype [WZJH12]. **Sufficient** [Son06].
suffix [LHS16]. **Suitable** [RAA10]. **suite** [CM15]. **Sum** [CD08, LL11]. **Sum-Squared** [CD08]. **Summarizing** [MSH⁺11]. **Super** [HDKS04]. **Super-Networks** [HDKS04].
superbubbles [SSS⁺15]. **Superfamily**

- [AV12]. **Superiority** [Zha07]. **Supermatrix** [WBE13]. **Supernetworks** [GSB⁺13]. **Superposition** [FGKH11, HS15]. **SuperQ** [GSB⁺13]. **Supertree** [GB10, WBE13, Wil09, BM15]. **Supertrees** [CBFB12, CEFBS06]. **Supervised** [BCLC15, HF12, JM12, Kar12a, YCY⁺14]. **Support** [LLX⁺11, LLT10, MNR09, QL09, RTA⁺16, SZLL11, TNQ08, WLL13, WZ13a]. **Supported** [DM09]. **Suppressed** [YNBM05]. **Surface** [GAGM11, HCA⁺10, MCD⁺11]. **Surface-Based** [GAGM11]. **Surfaces** [DM09, ZXBX11]. **Survey** [ECK16, IYA12, LUdSCH10, LTM⁺12, MO04, MSS⁺13a, RHAK13, TV11, BMM14]. **Survival** [CKWY12, PGHT12]. **Susceptibility** [YLCC13]. **SVM** [DLT10, JXN⁺16, MGK08, SBM15, TZH07]. **SVM-Based** [DLT10, JXN⁺16]. **SVM-RFE** [TZH07]. **Swarm** [CYTY13, KP12, XWF07, XAW07, SPWF14]. **Swine** [BPJ12]. **Swine-Origin** [BPJ12]. **Switch** [KG12, WLY15]. **Switch-Like** [KG12]. **Switched** [ZWL15]. **Switching** [ZWL⁺12]. **Symmetry** [WHWP12]. **Symposium** [SA15]. **Synchronization** [ZWL14a, ZWL15]. **Synchronous** [DT11]. **Synonymous** [SGC07]. **SynPAM** [SGC07]. **Synthesis** [BBK⁺12, CL15]. **synthesizing** [CL14]. **synthetic** [KG15]. **System** [CLM10, LWZ12, LBL⁺10, MIC⁺07, MWD11, SYM⁺10, TNQ08, WMWA12, XTL12c, CWLZ14, GRDV14, MZL15, TYA15, TAL⁺15]. **Systematic** [BDS12, HPH⁺15, MM14a, ZZ13]. **Systems** [BMZM15, CSW11, CN12, FS12, FS13a, FKLS07, GDWK⁺15, JGBR15, JFN11, LLH⁺07, MS11, Maz12, MVS⁺13, MPKvH09, MDM13, PB12b, SH11a, SdOC⁺12, SNM08, SGH12, TC13, Wig15, WH11, GPScF15, Gu16, JZCZ15, KSA16, KG15, SYV14, WLY15, ZSY⁺14]. **T** [YBGB10]. **T-Cell** [YBGB10]. **Tables** [PHX⁺08]. **Tabu** [CCA12]. **tag** [LLC⁺15]. **Taking** [MSH⁺11]. **Tandem** [BG05, BKR11, CW09b, KSS15, SS06a, ZGC⁺05, CWZW15, YMW⁺12]. **Tanglegrams** [VAJG10]. **Target** [IGM⁺07, DB14, FHRG14]. **Targeted** [DMD13]. **Targeting** [PG12]. **Targets** [SPMB13]. **Task** [CLM10, LS10, CR14]. **taxa** [BM15]. **Taxonomic** [CHL⁺12, LW13a]. **Taxonomy** [QTZ15]. **TBR** [BE08]. **TCBB** [Ano09b, Ano10b, Ano13d, Ano13b, Ano13c, Gus09b, KL11b, SA15]. **TCLUST** [DWSB11]. **Teaching** [Che16, GÁVRRL15]. **Teaching-Learning-Based** [Che16]. **Team** [WL11, WKLL12, WLY14]. **Teams** [WL11]. **Techniques** [CMSE⁺15, GAR⁺09, HC07, LTM⁺12, RHAK13]. **telomerase** [KPB14]. **Temporal** [KCCC15, RdMCBC13, SDA⁺06, TRKRC13, KD16]. **Tensor** [ZGDH16]. **Term** [TR07]. **Terms** [Ano12b, CLH⁺15, SLS⁺14]. **Tertiary** [BM12, MCDD12]. **Test** [EFLA08, YBGB10]. **Testing** [FLAM15]. **tests** [BMM14]. **Tetrameric** [CMC⁺12]. **Text** [BMHS13, DLT10, HLV⁺10, JLH16, KAHK⁺10, LS10, LNC⁺05, SYM⁺10]. **thaliana** [MVW⁺13, TRKRC13]. **Their** [DADF⁺10, LCTS08, LLZC12, MHKR12, VAJG10, Wil11, FKLS07]. **Theme** [Gus09b]. **Theoretic** [BLR08, GBS11, GLW12, VRK12, ZSD08, CA14]. **Theoretical** [BCL13b, MWD11]. **Theory** [BDP11, LQV⁺13, SDB⁺07, BF14, MZL15]. **Therapeutic** [RV13]. **therapeutics** [JR14]. **Therapies** [MPF12, NTCO07]. **therapy** [KPB14]. **There** [DFM⁺11]. **Thermodynamic** [DPW12, TSM14, ZL15]. **Thomas** [KSB12]. **Three** [CHC⁺05, DZA⁺06, TZY11, WRH⁺09, BF14, ZZ15, ZMC⁺14]. **Three-Color** [TZY11]. **Three-Dimensional** [CHC⁺05, DZA⁺06, WRH⁺09, BF14, ZMC⁺14].

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